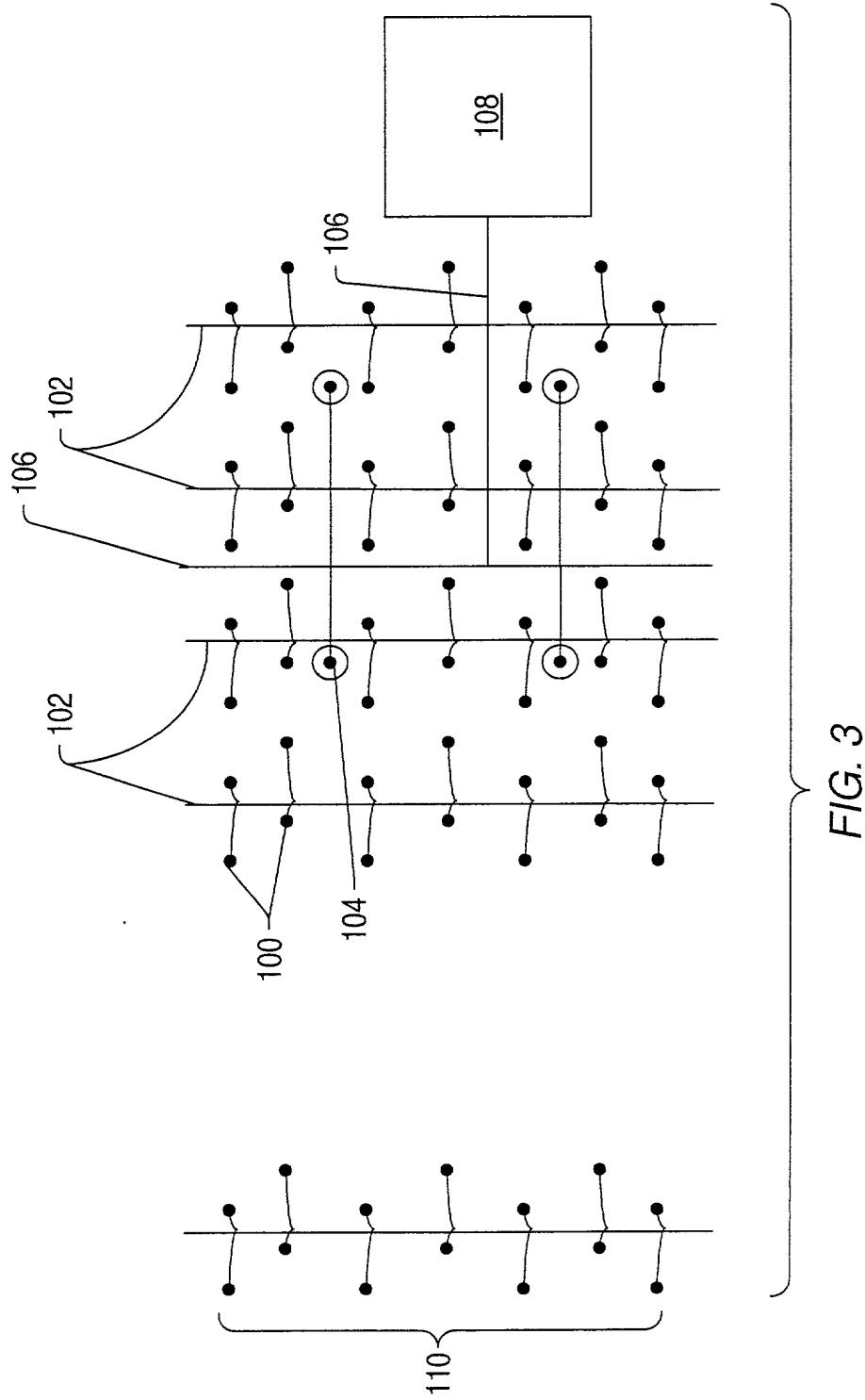
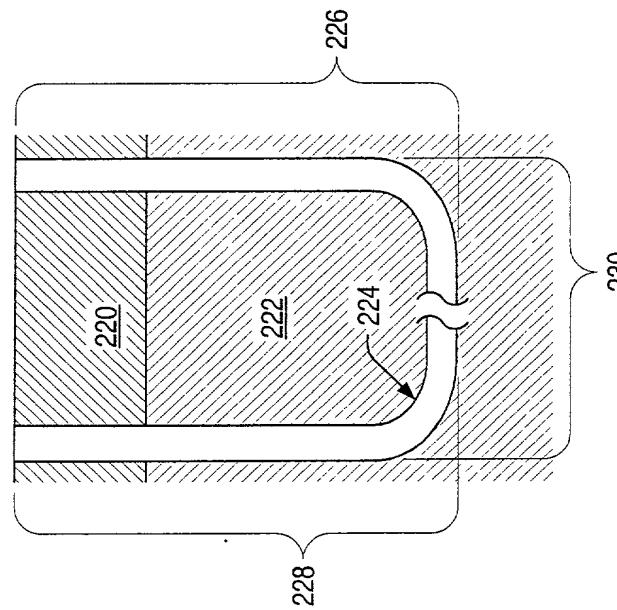
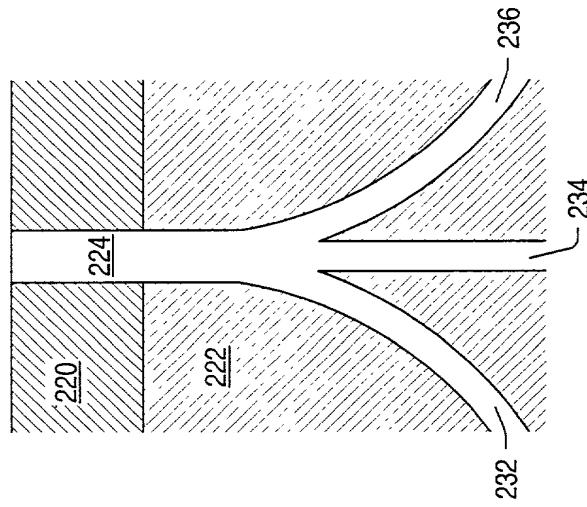
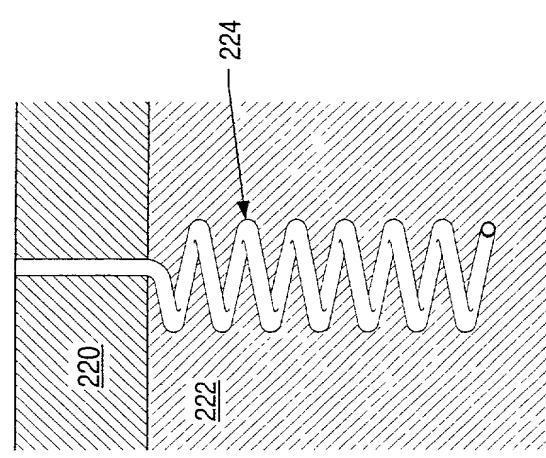


FIG. 2





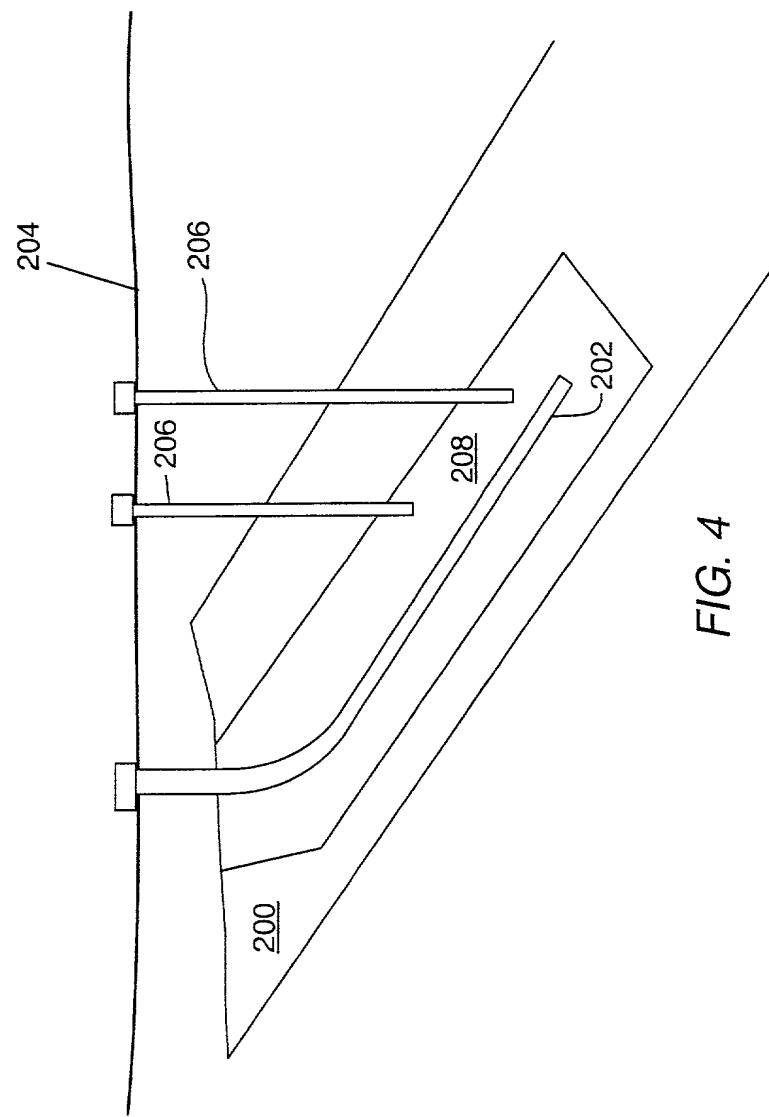


FIG. 5

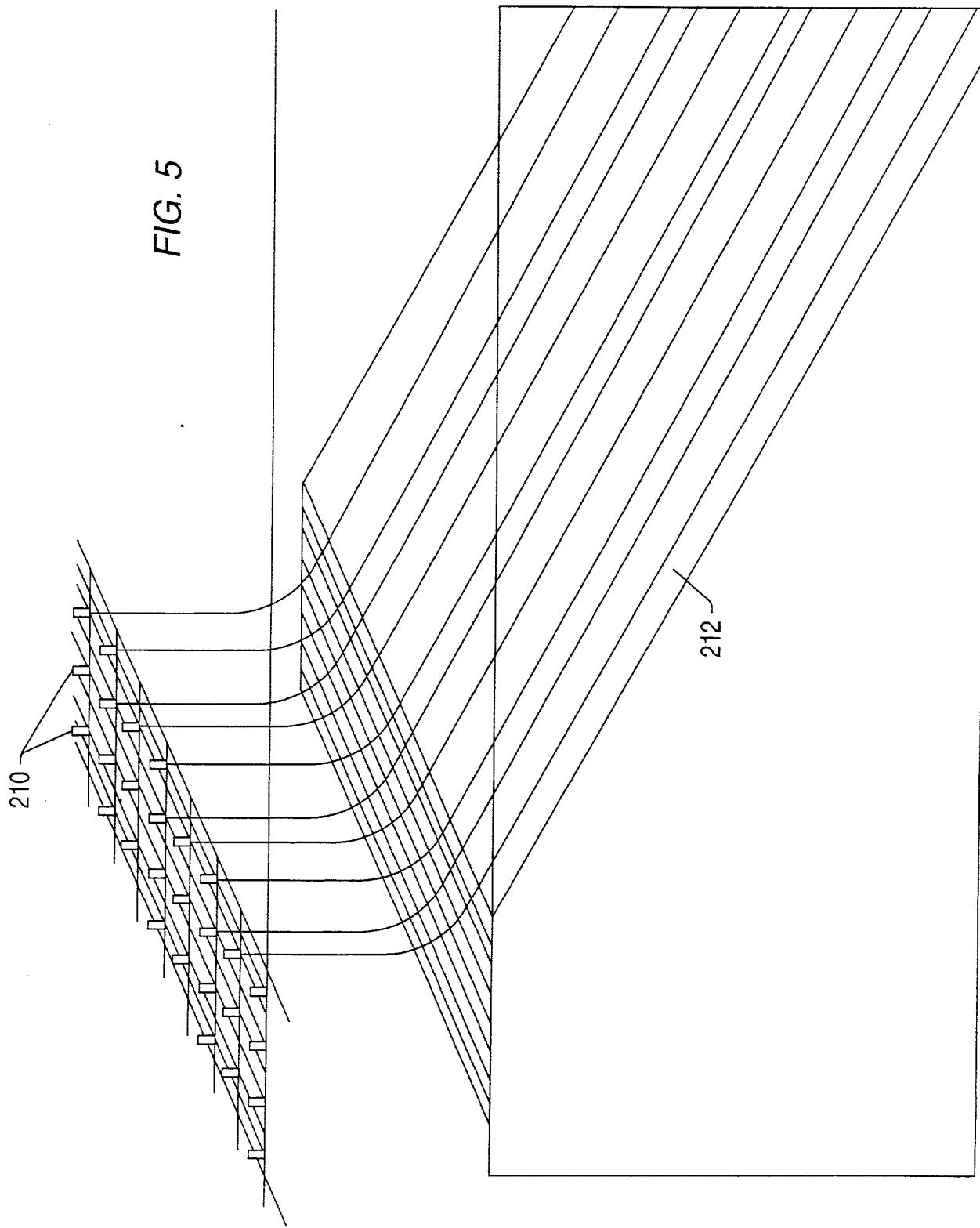


FIG. 5

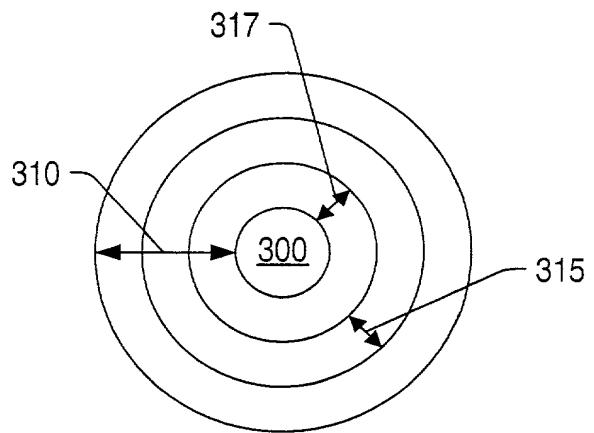


FIG. 6

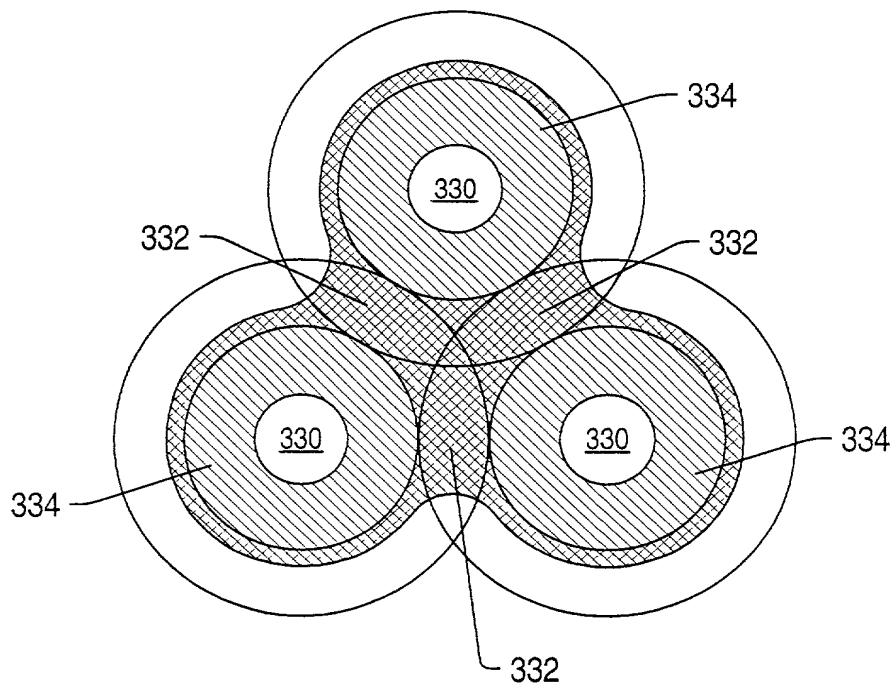


FIG. 7

FIG. 8

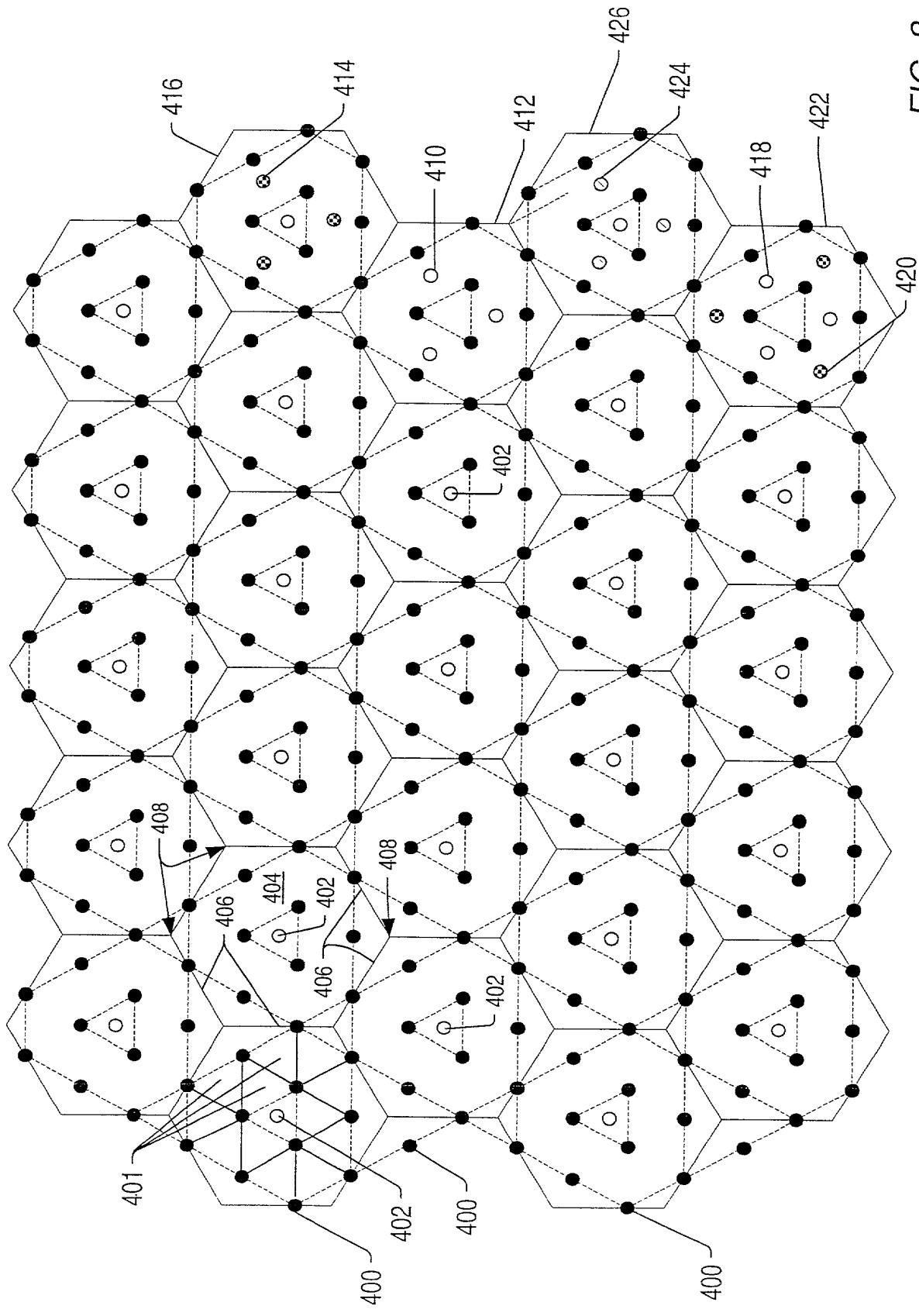
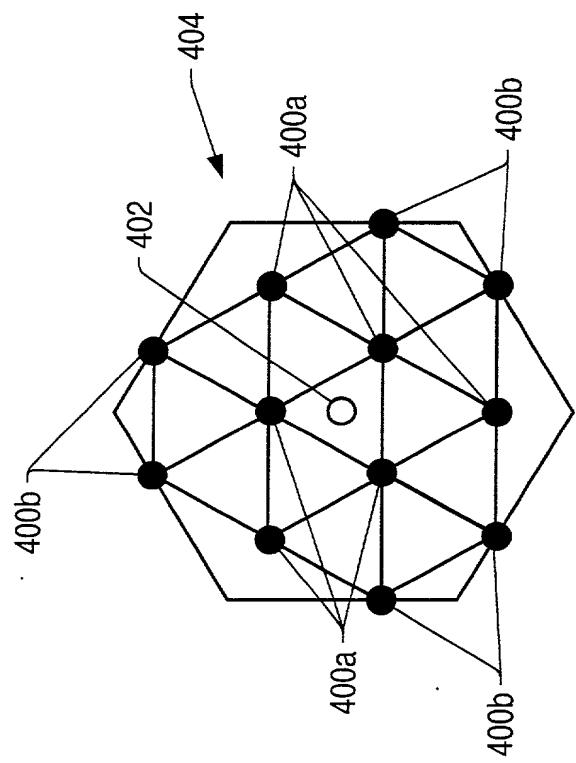


FIG. 9



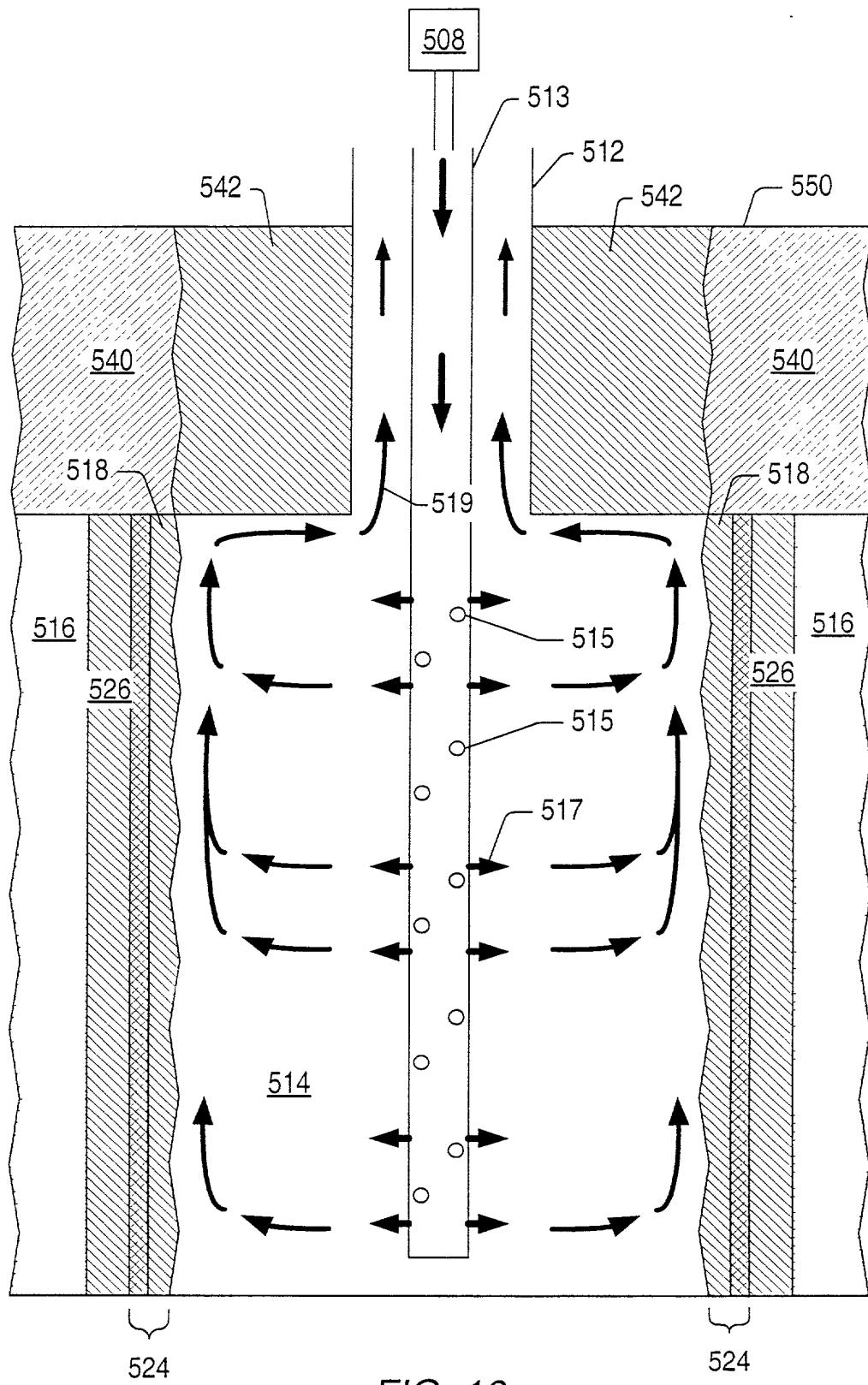


FIG. 10

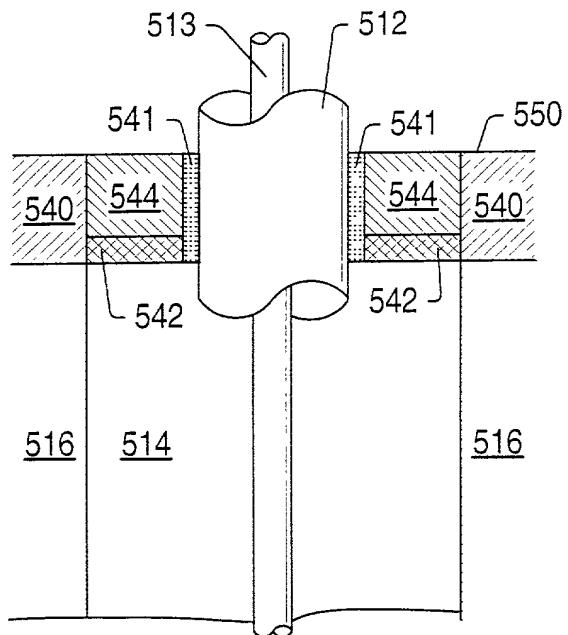


FIG. 11

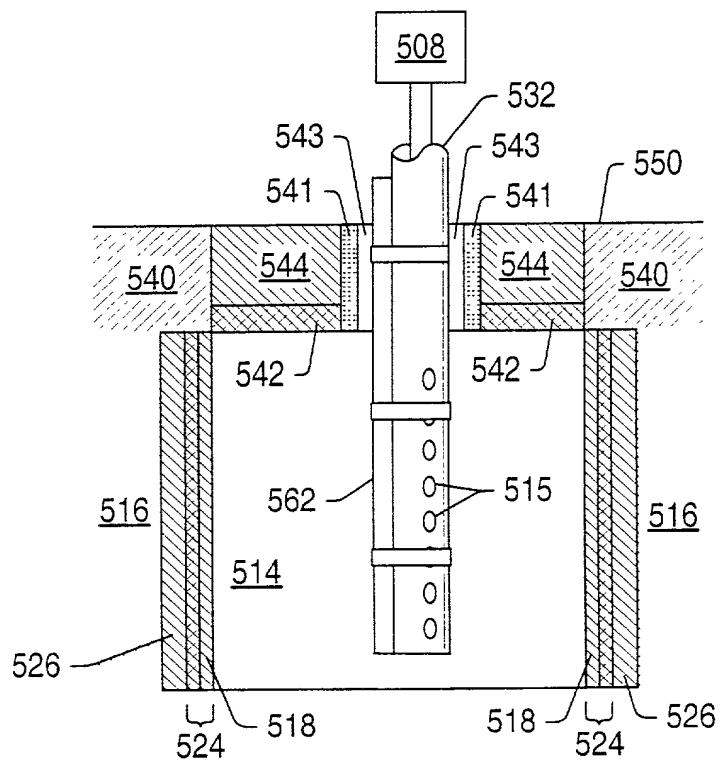


FIG. 12

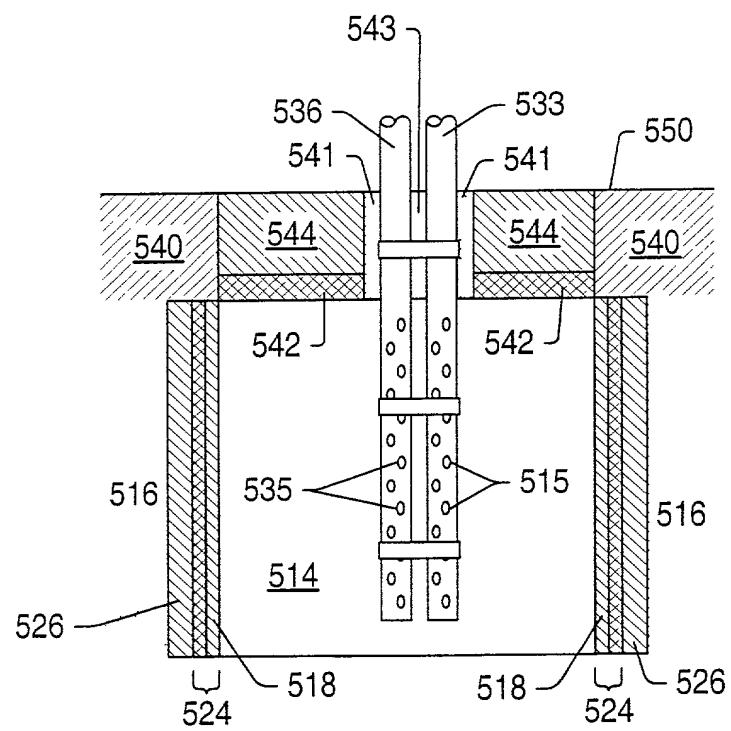


Fig. 13

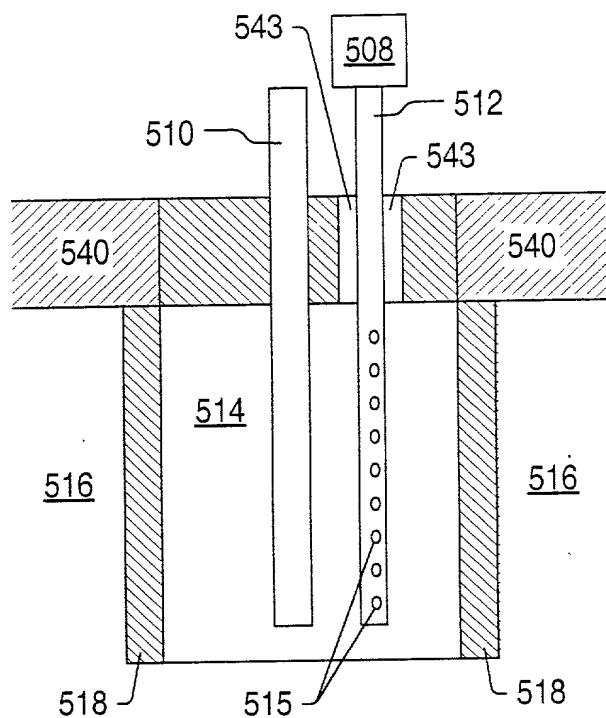


FIG. 14

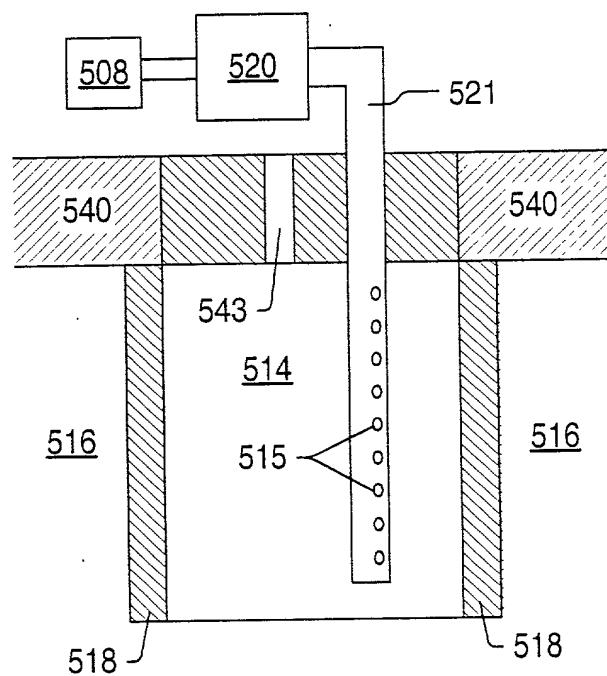


FIG. 15

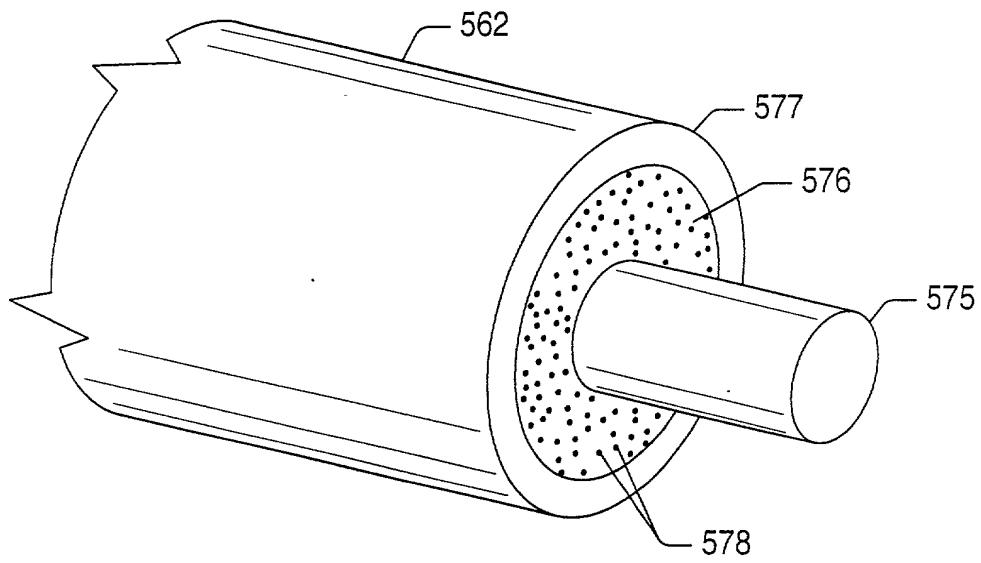


FIG. 16

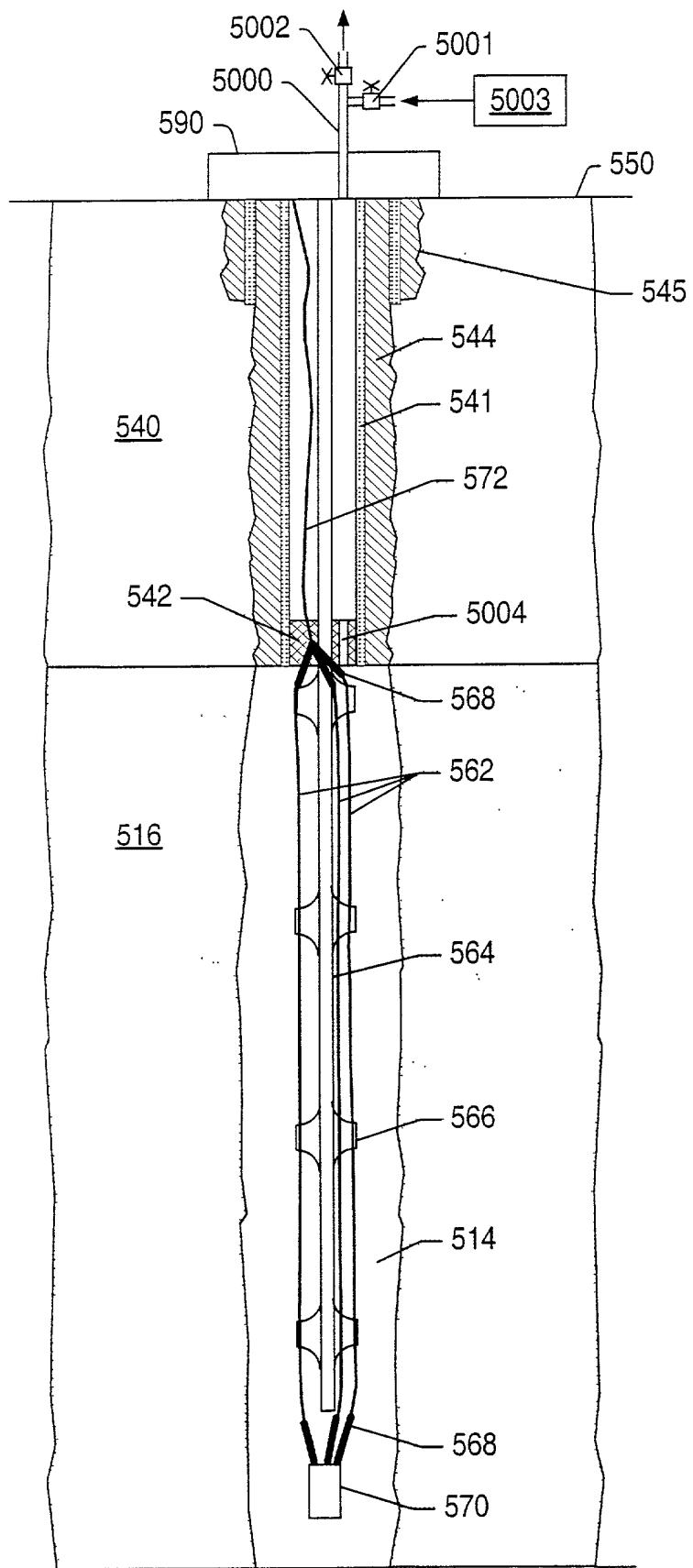


FIG. 17

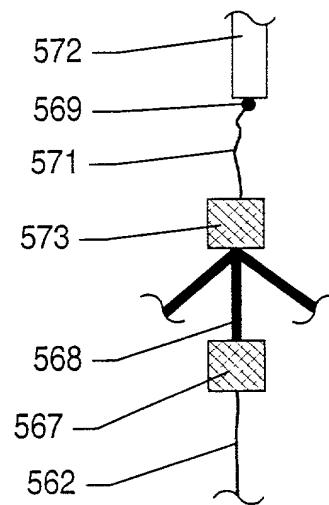


FIG. 17A

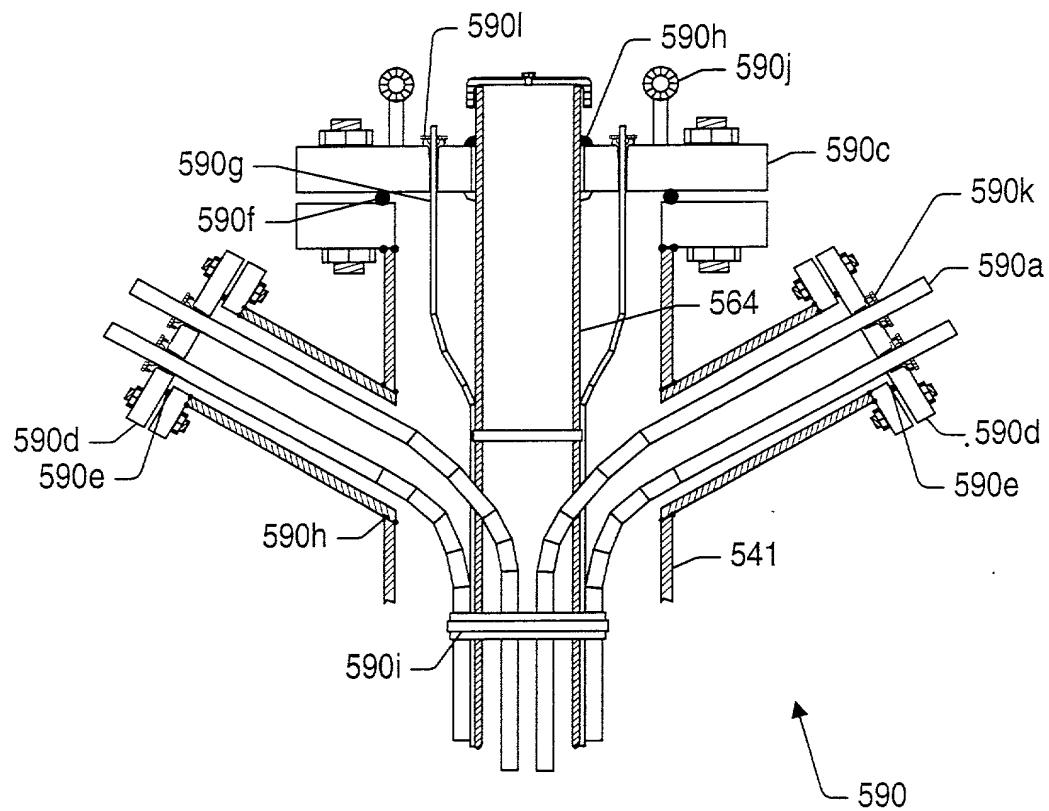


FIG. 18

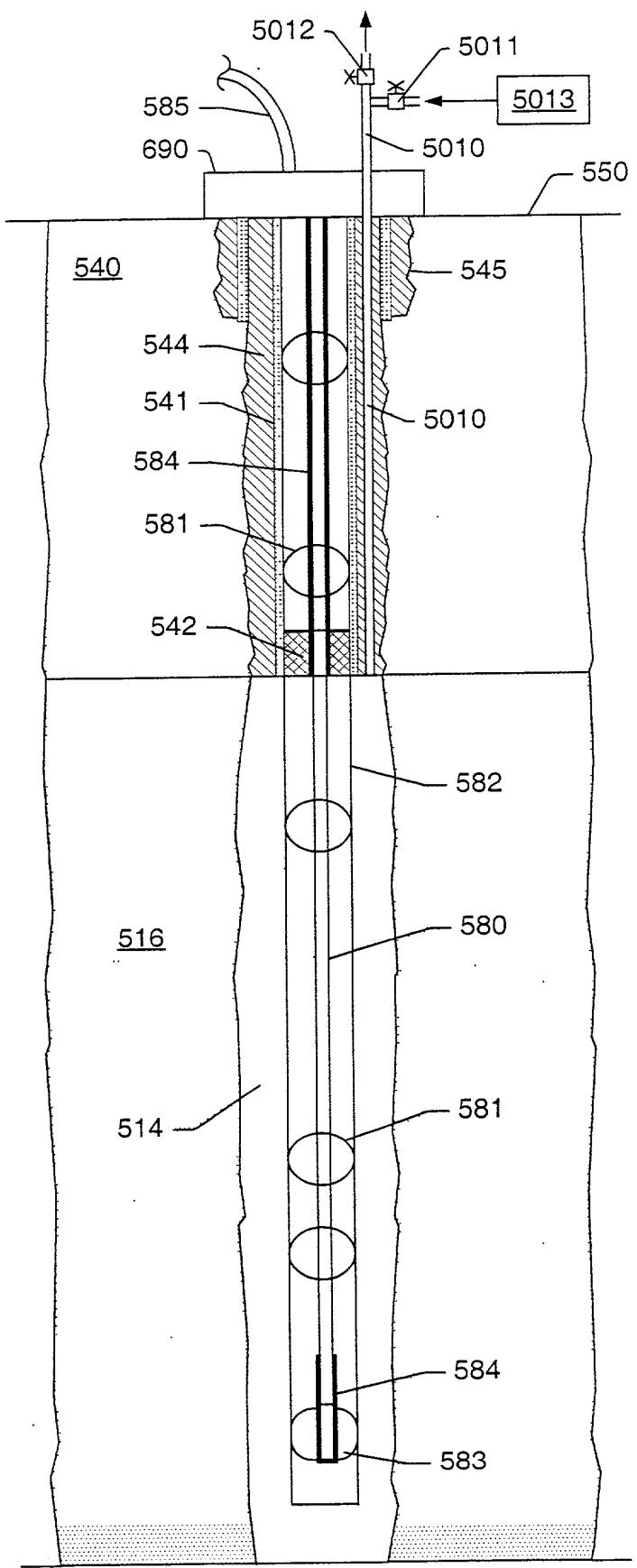


FIG. 19

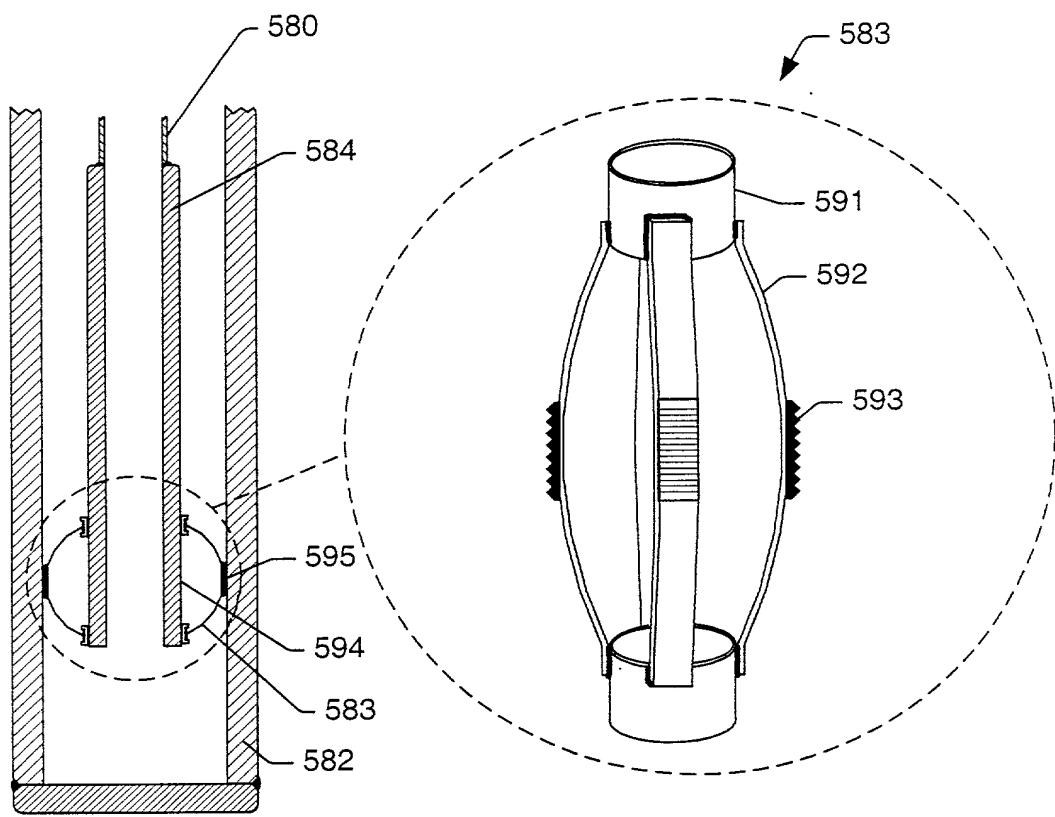


FIG. 20

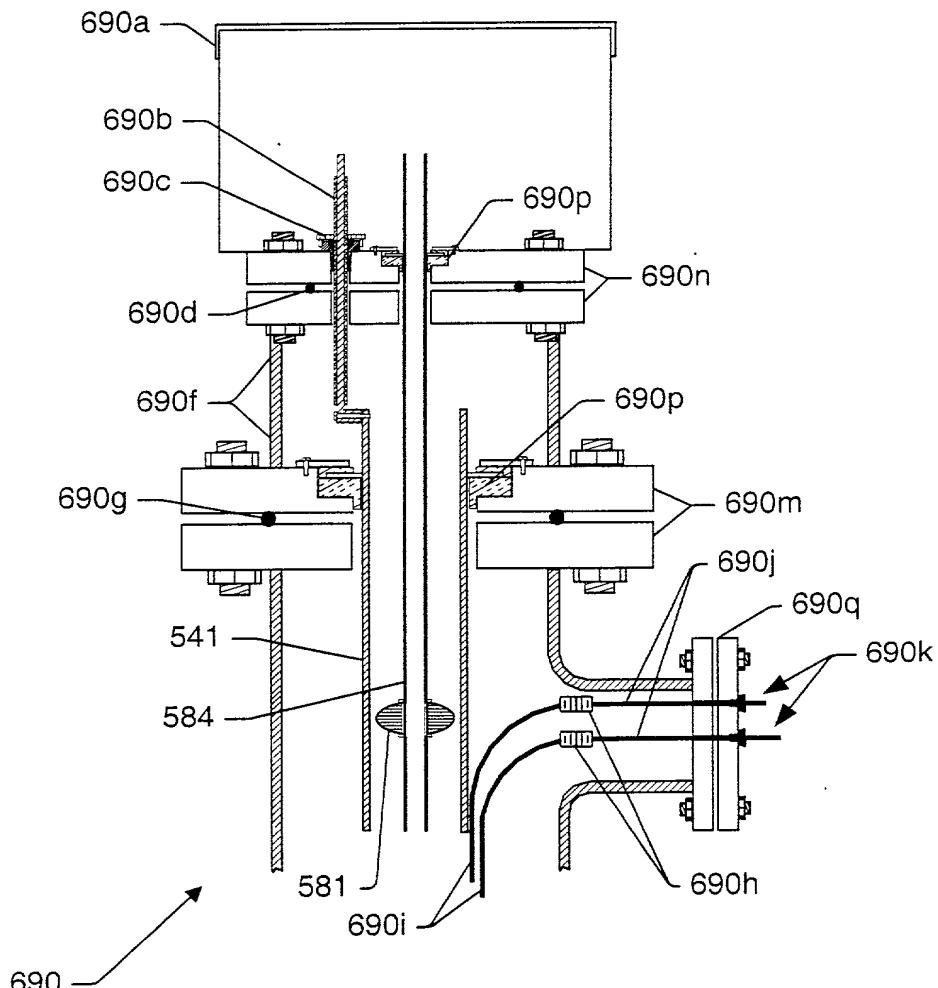


FIG. 21

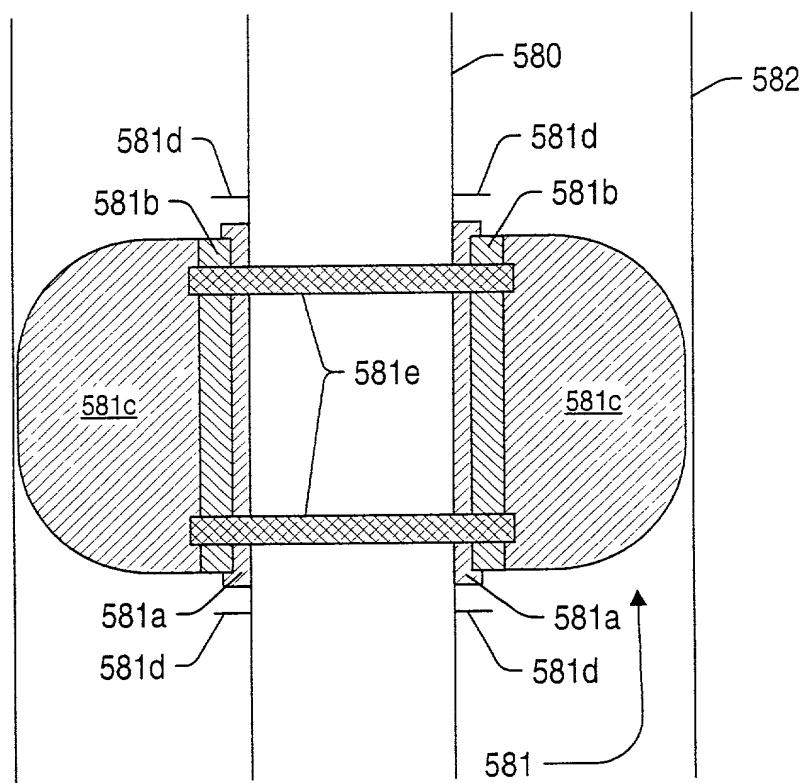
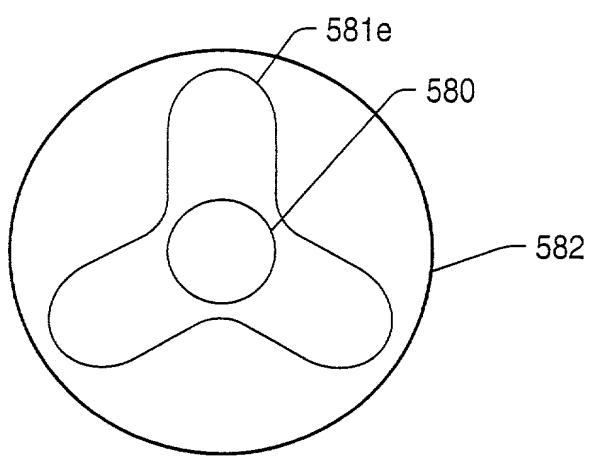
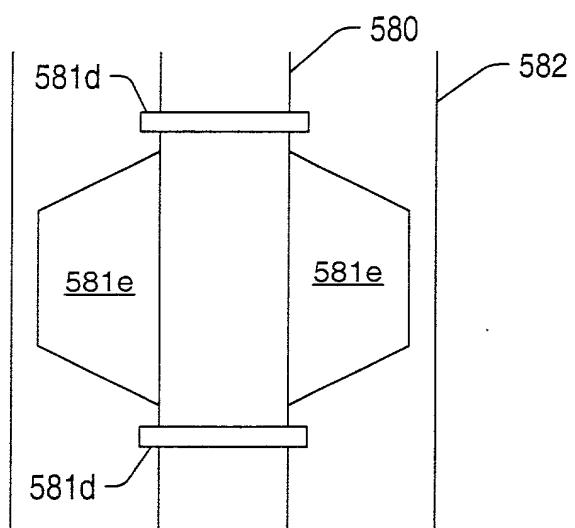


FIG. 22



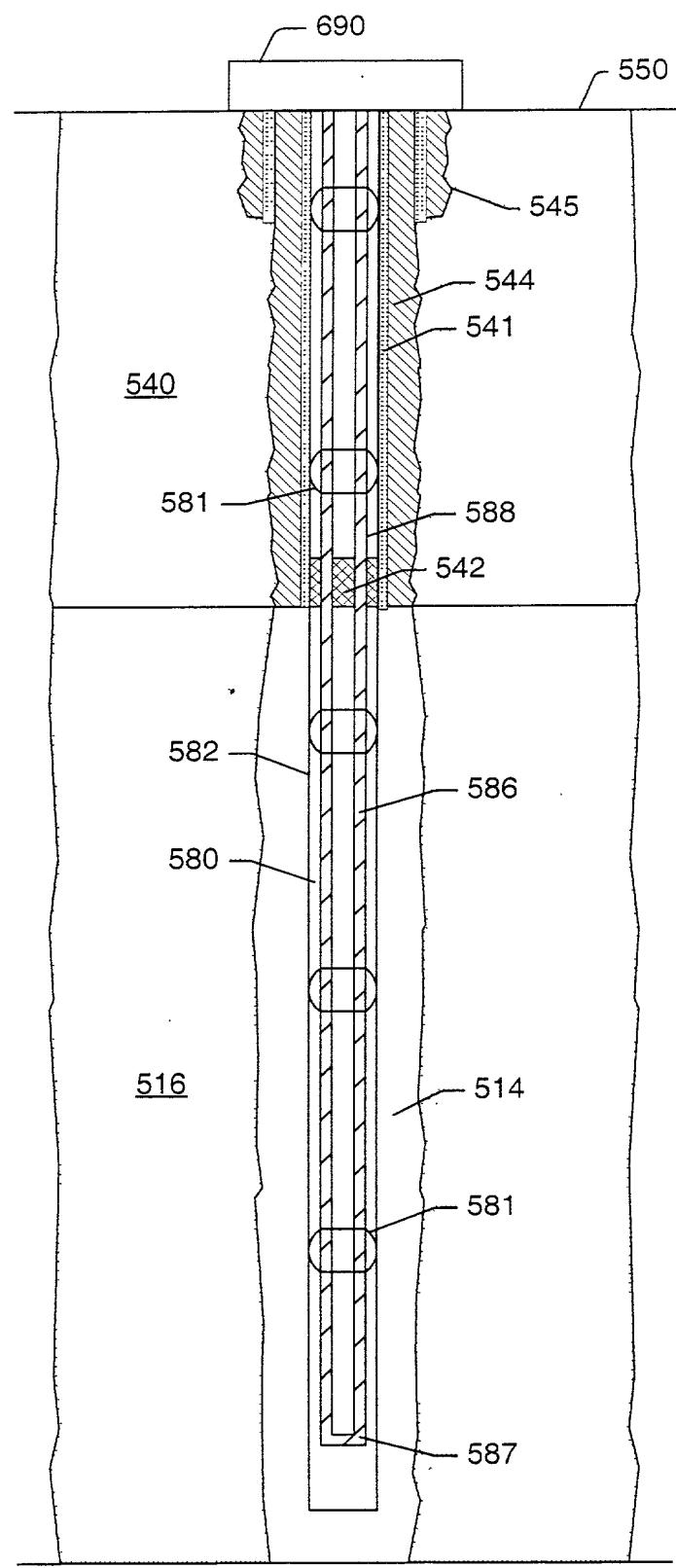


Fig. 24

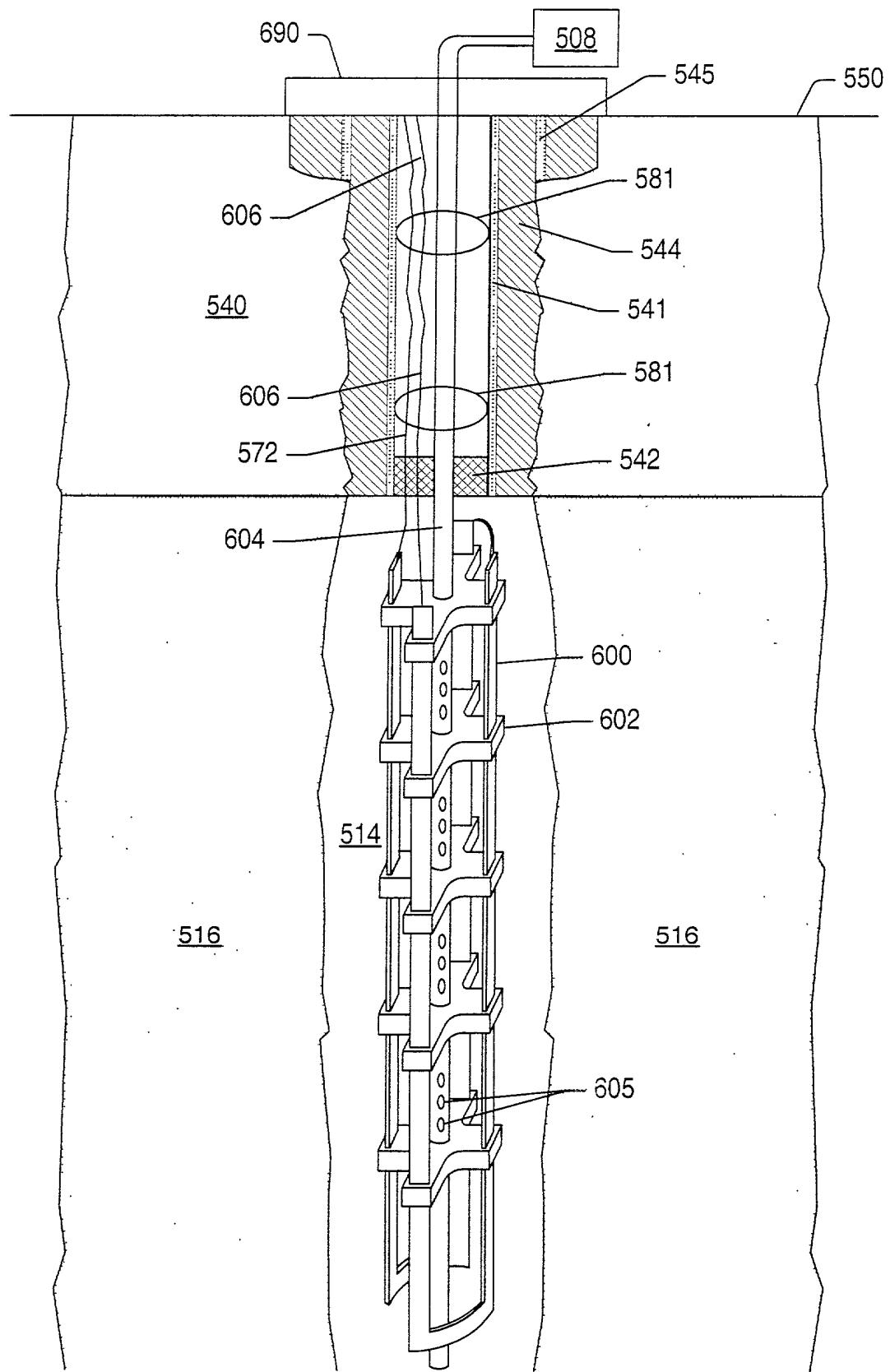


FIG. 25

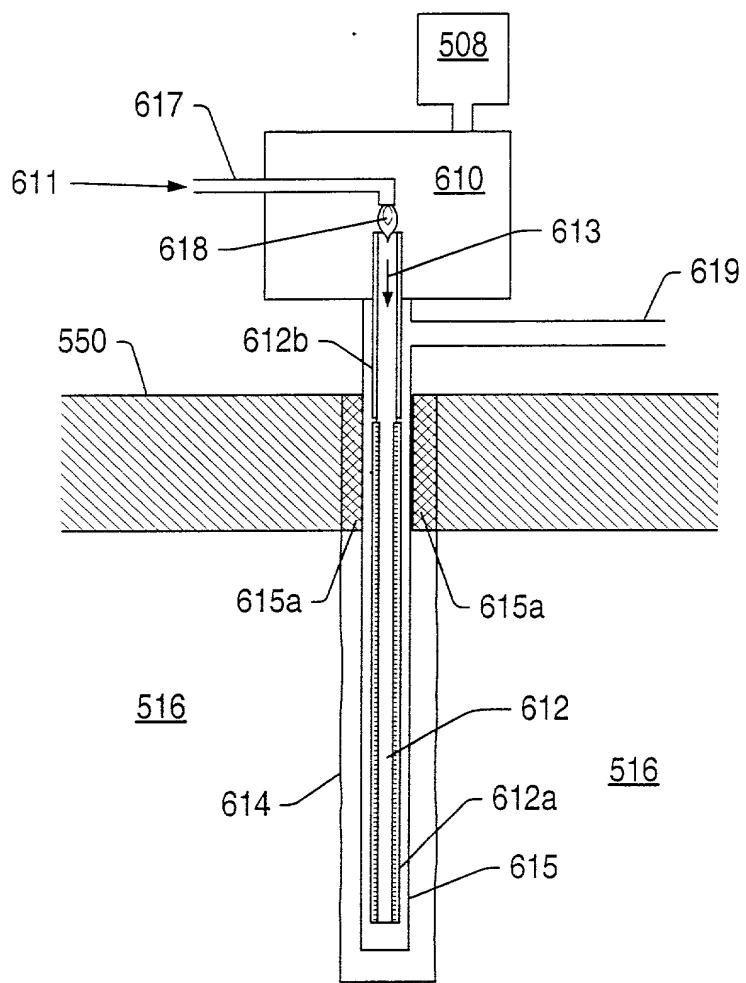


FIG. 26

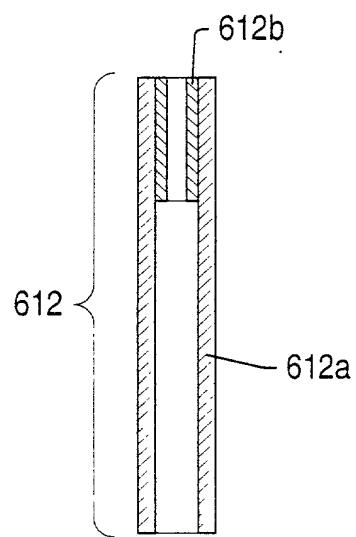


FIG. 27

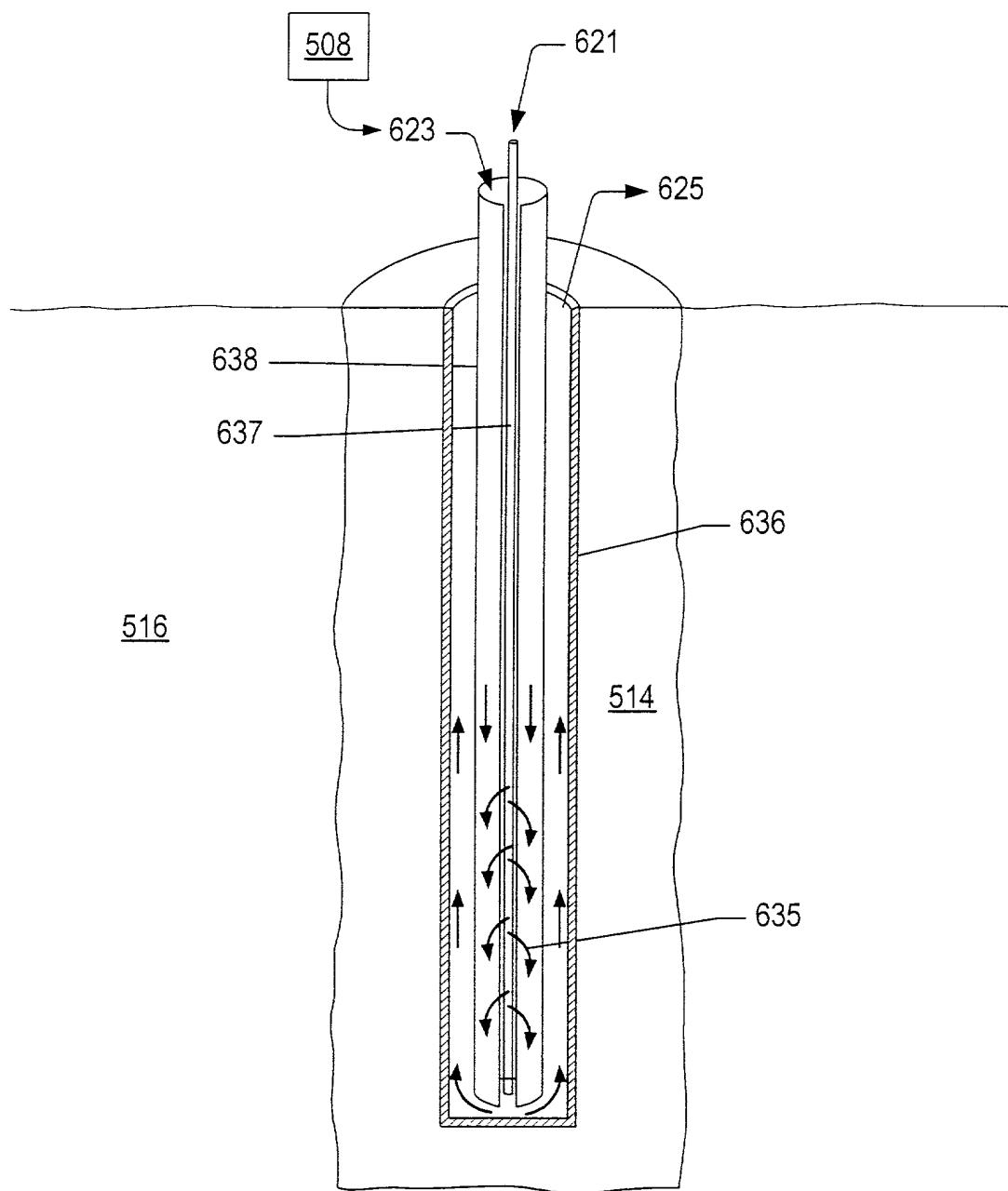


FIG. 28

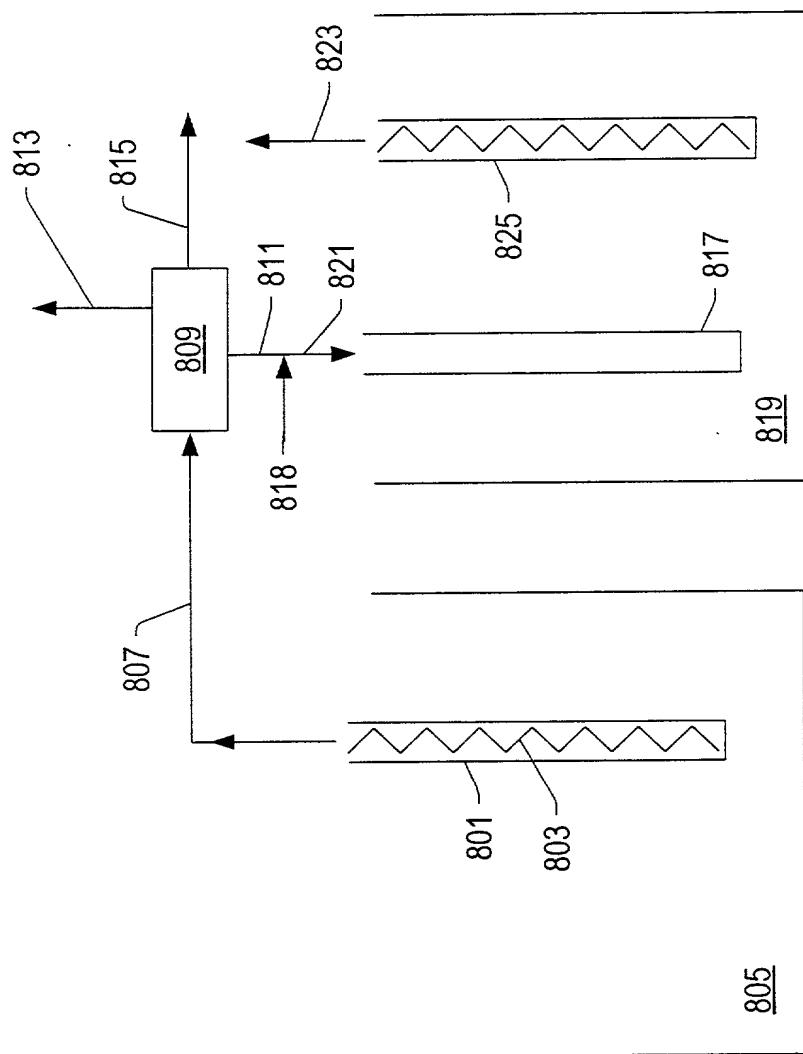
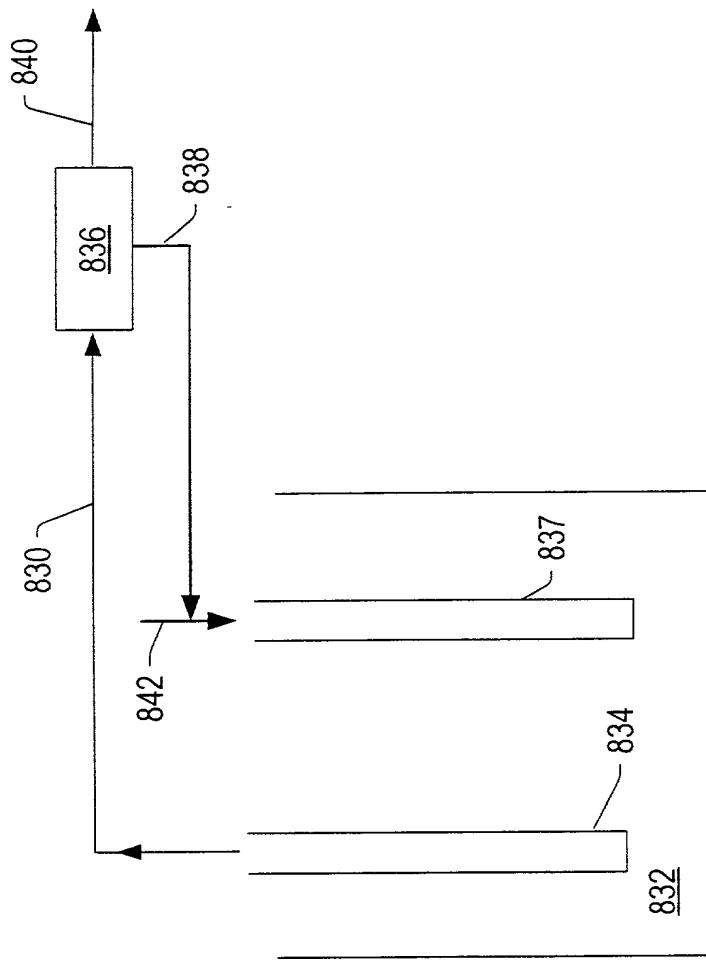


FIG. 29

FIG. 30



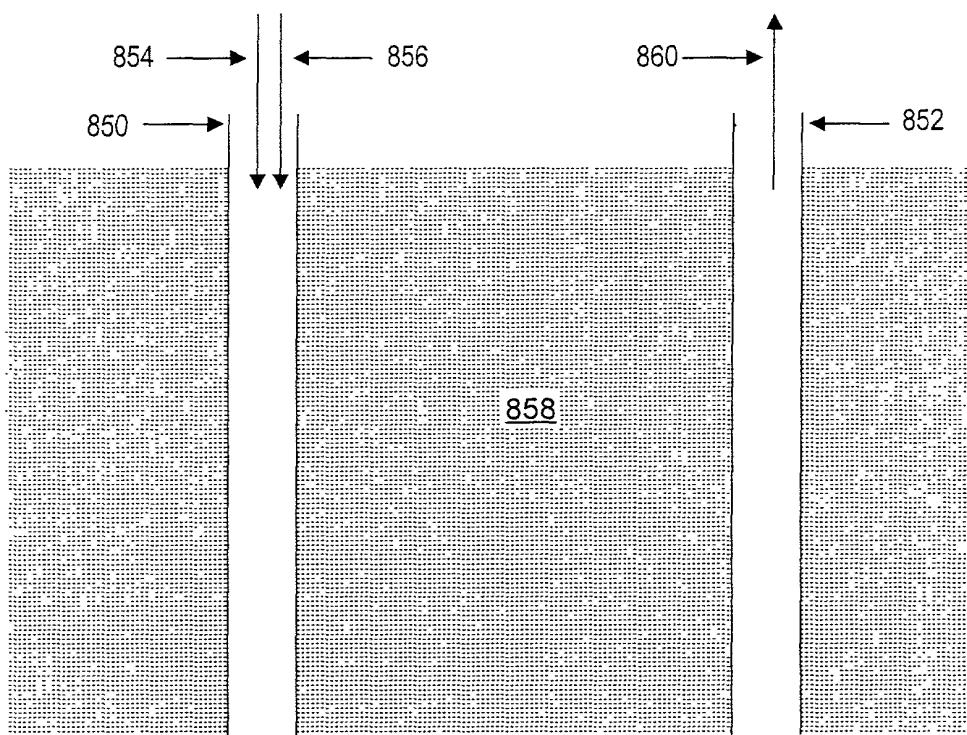


FIG. 31

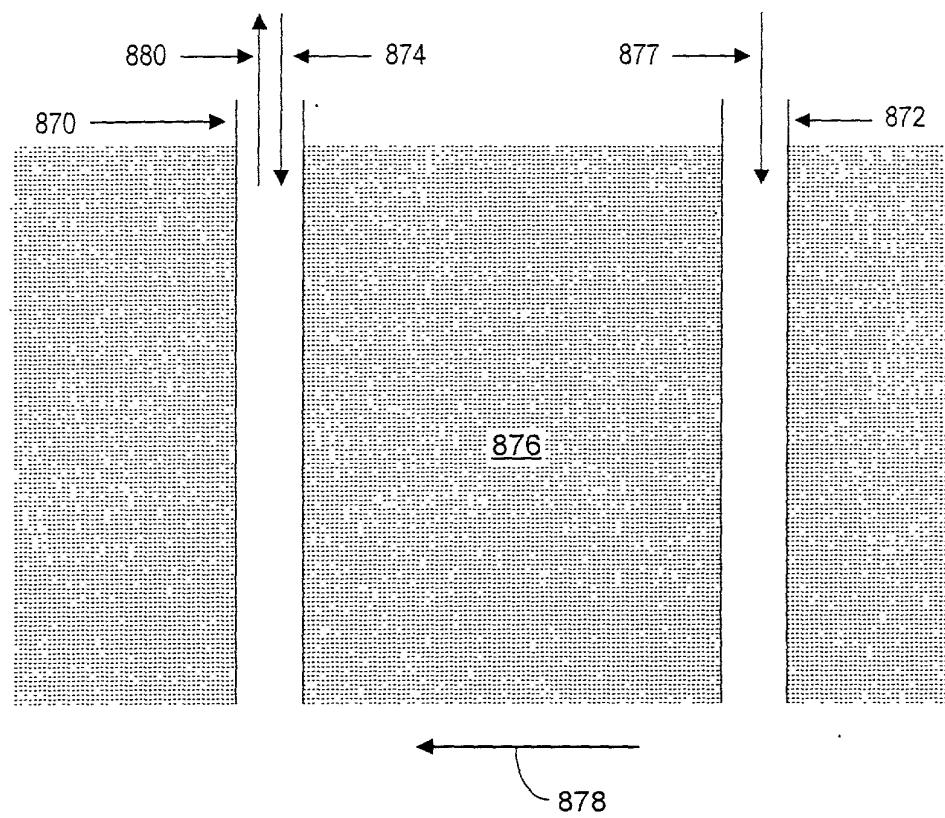


FIG. 32

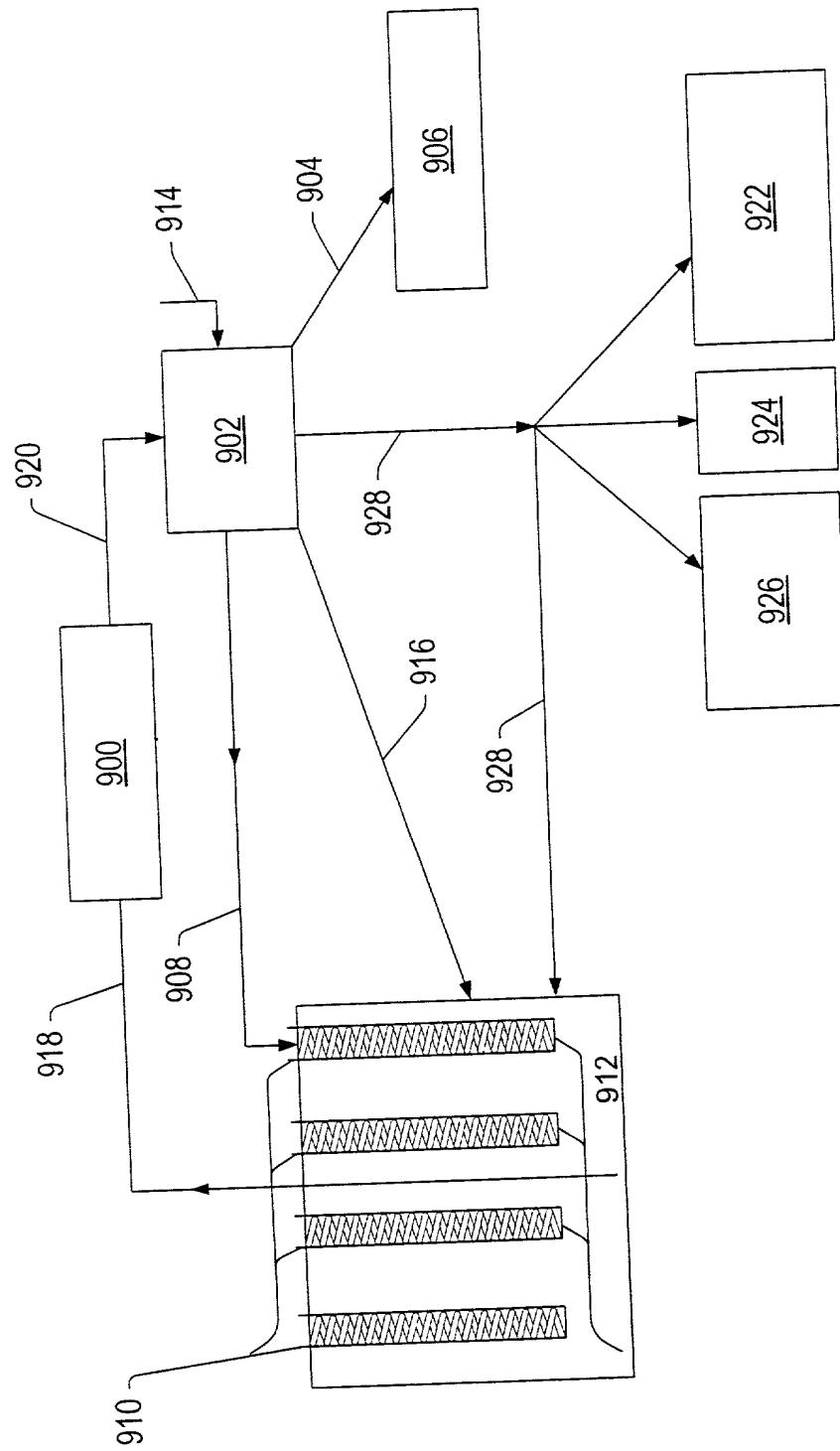


FIG. 33

FIG. 34

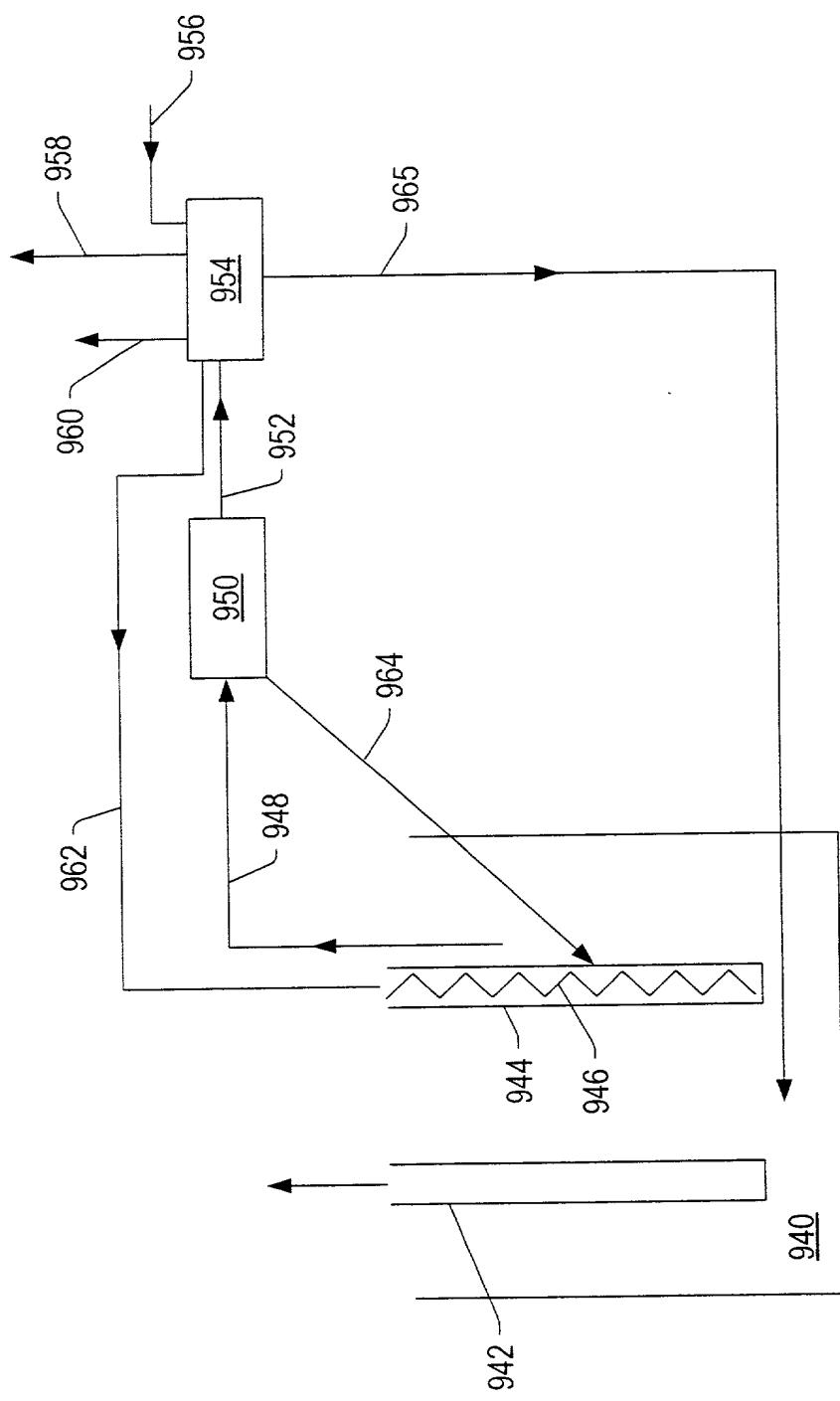
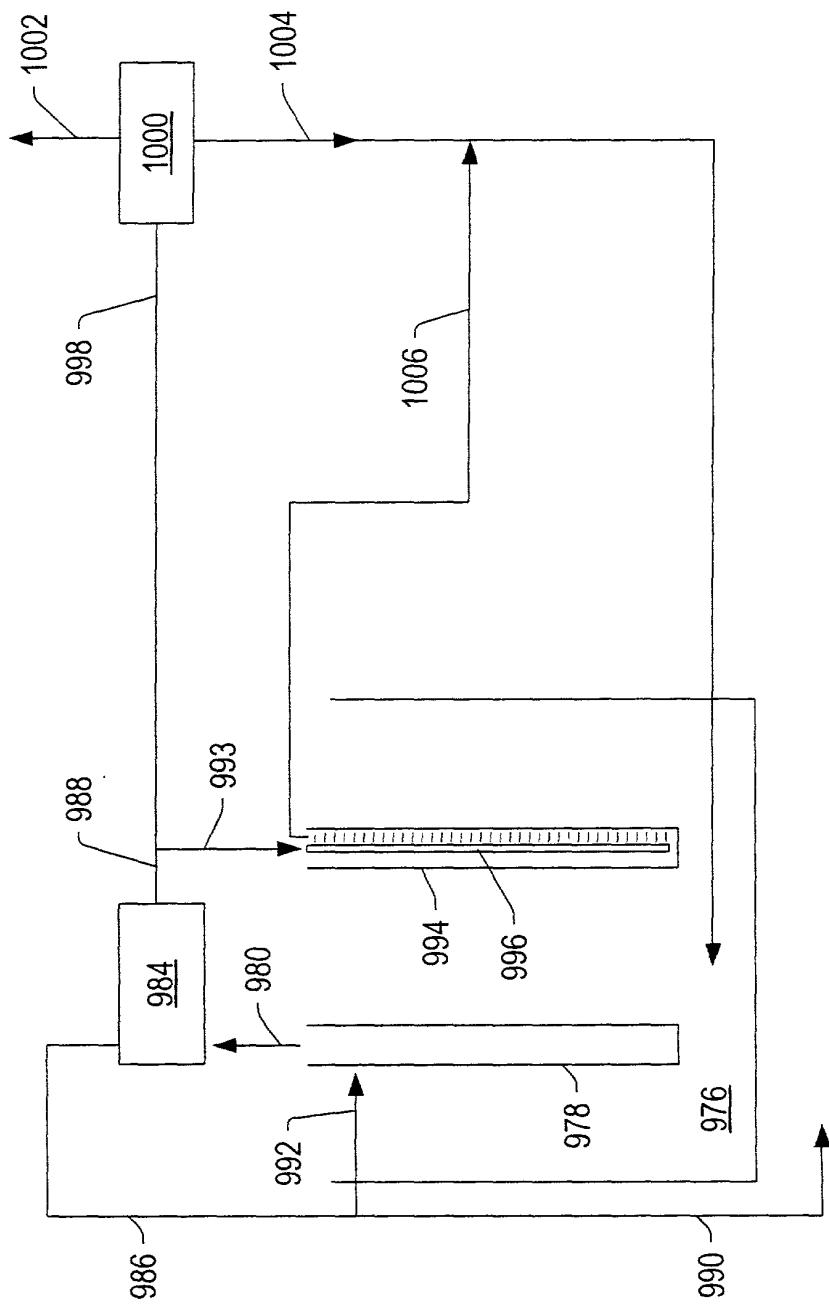


FIG. 35



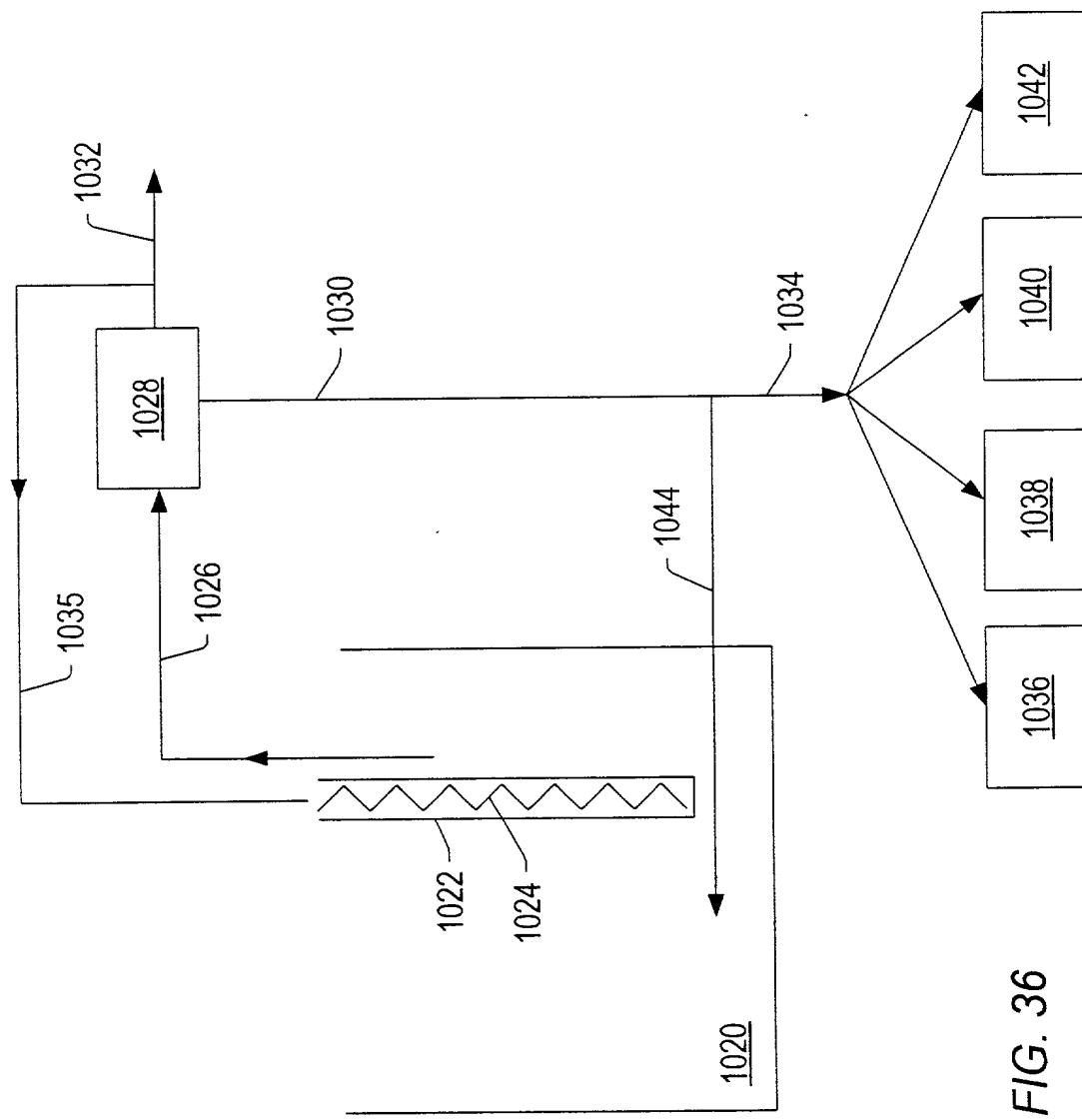
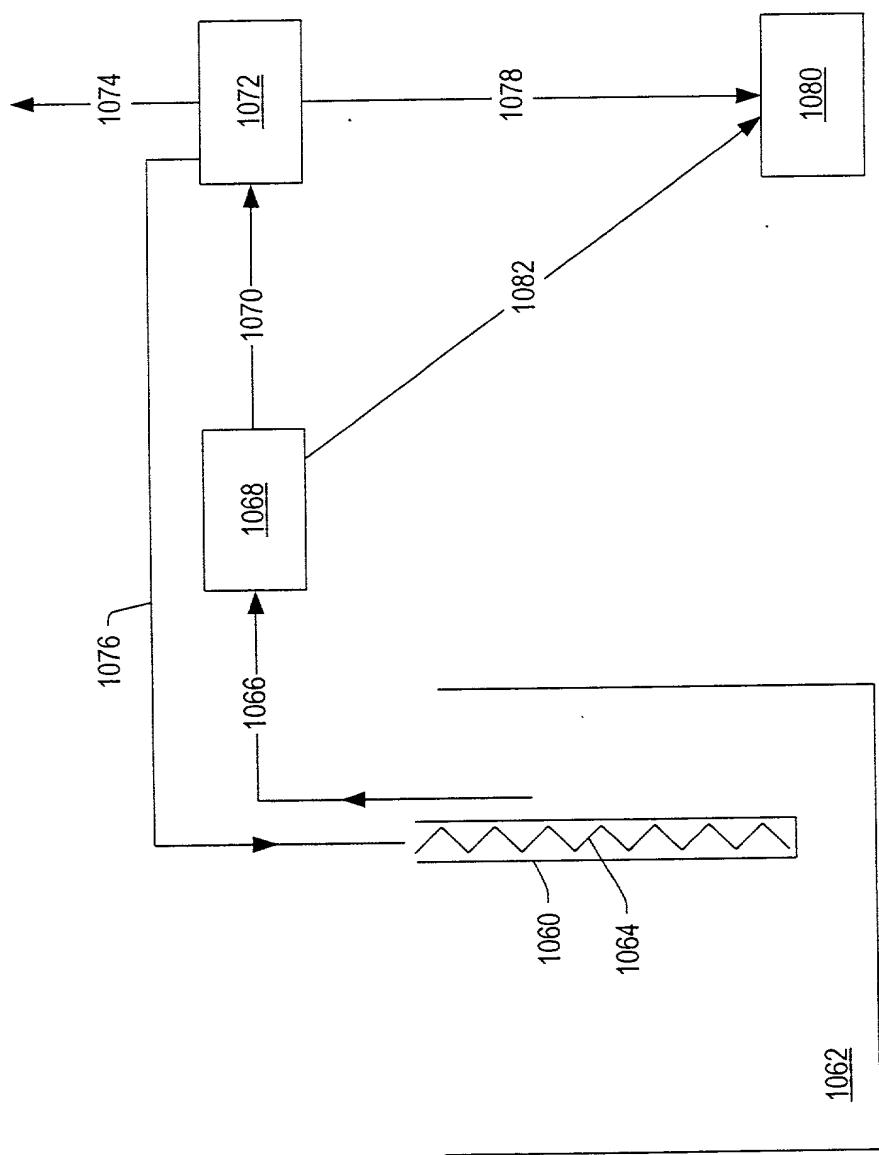


FIG. 36

FIG. 37



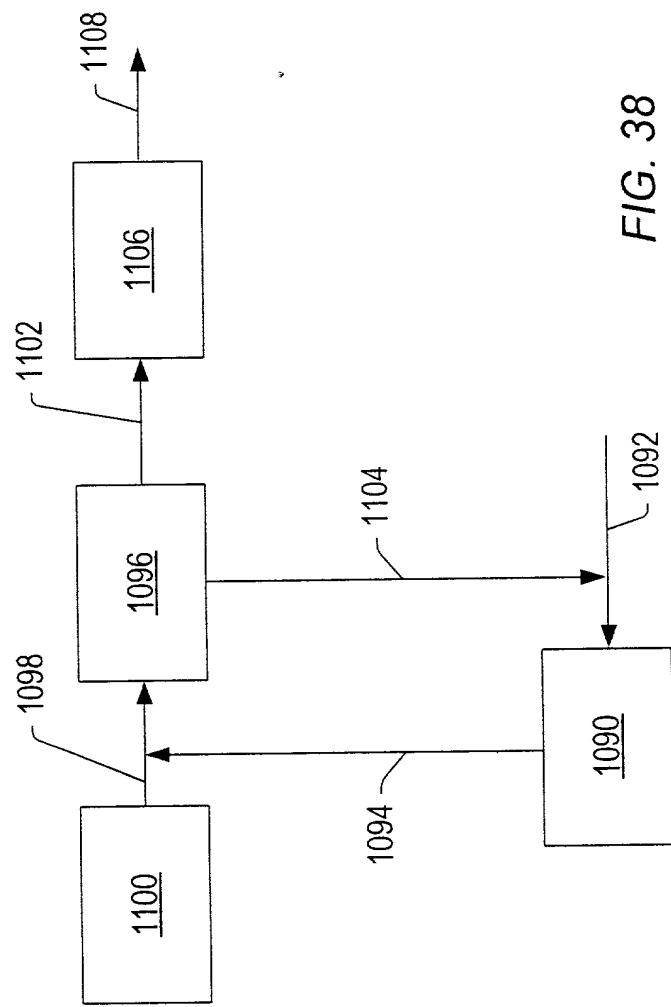


FIG. 38

FIG. 39

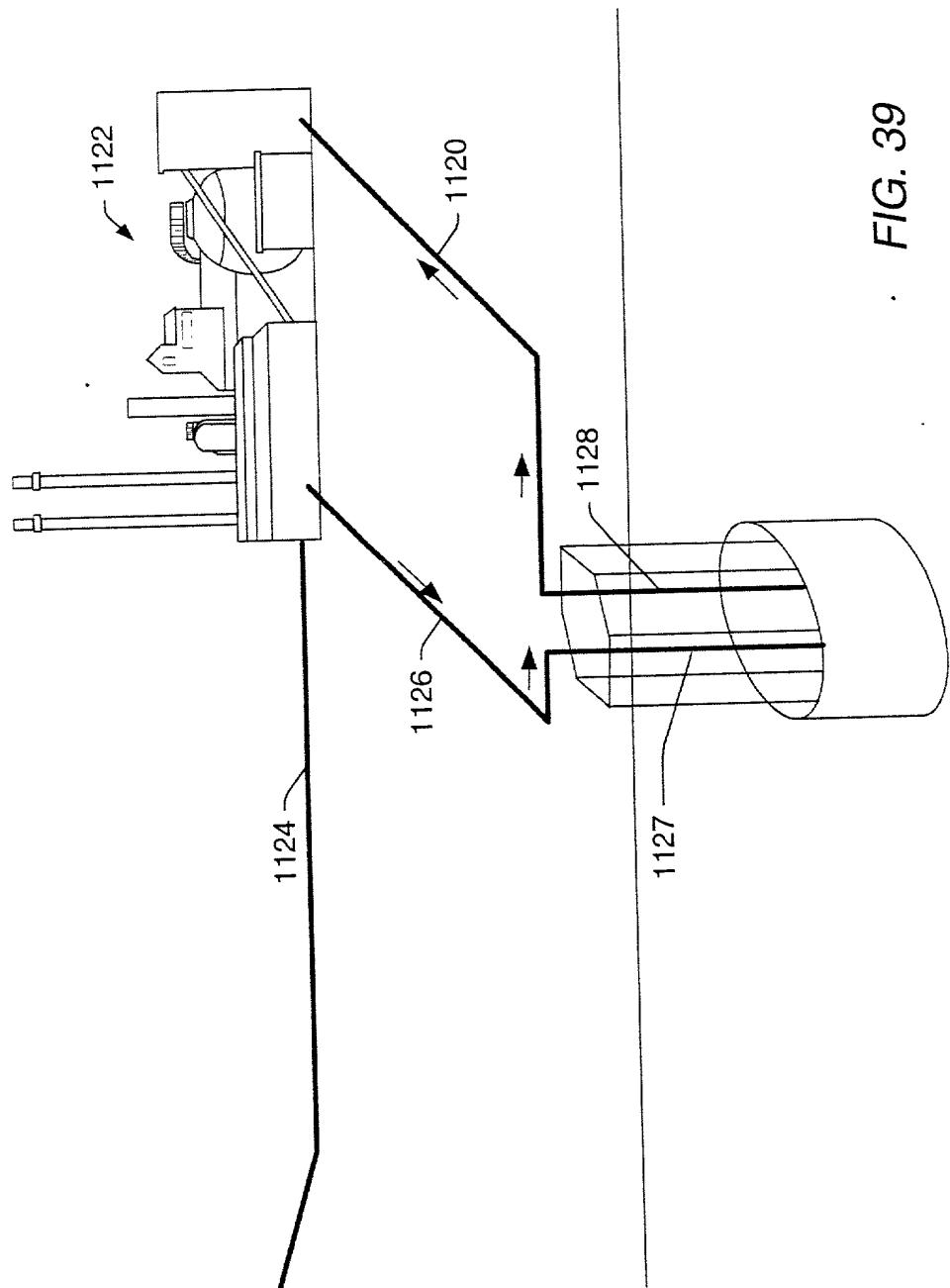


FIG. 40

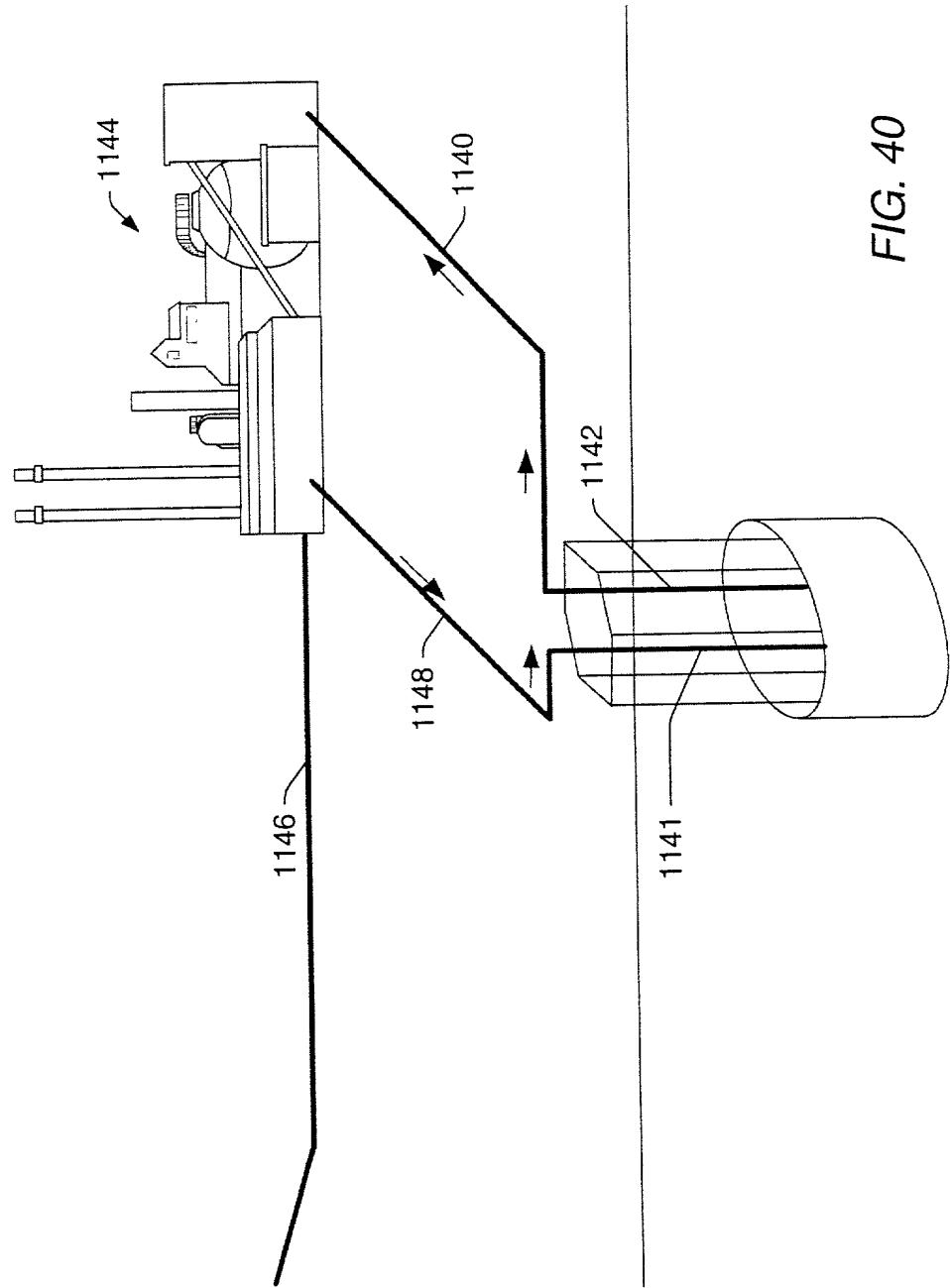


FIG. 41

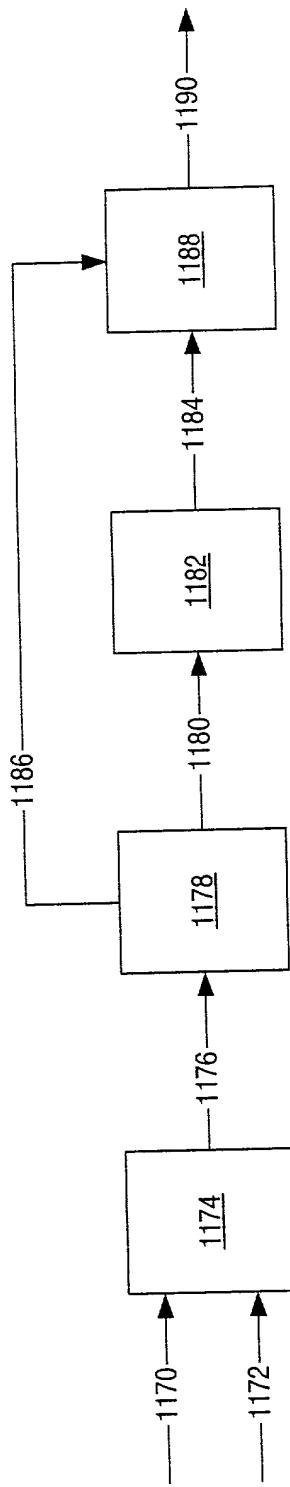
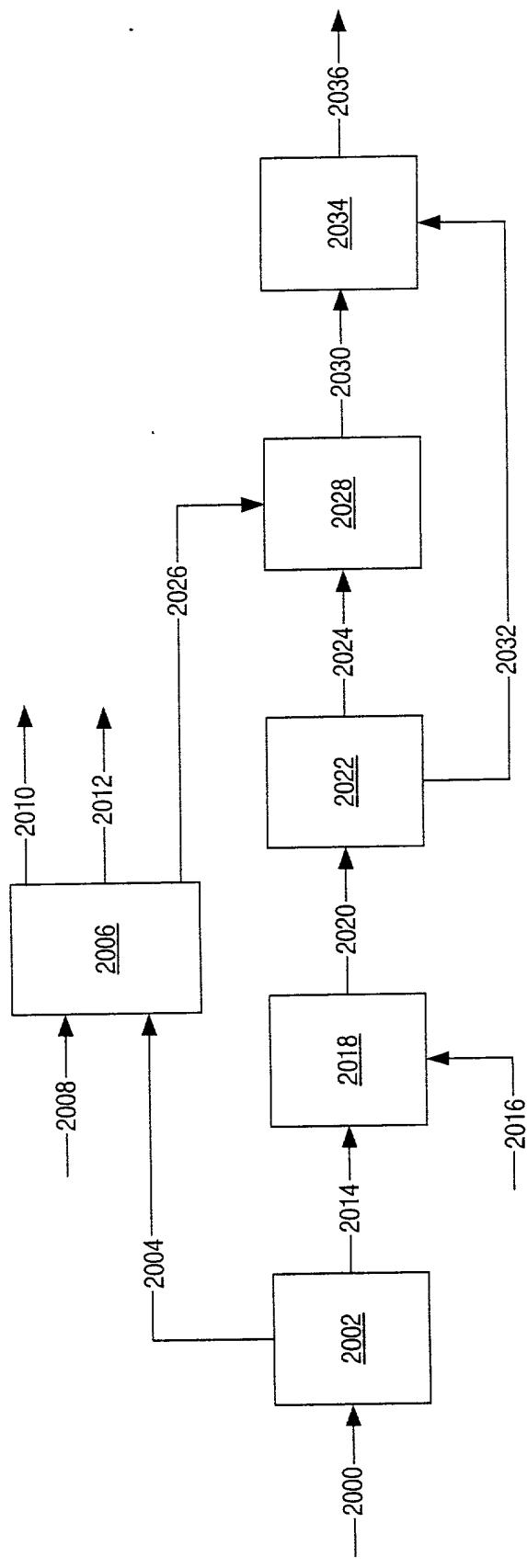


FIG. 42



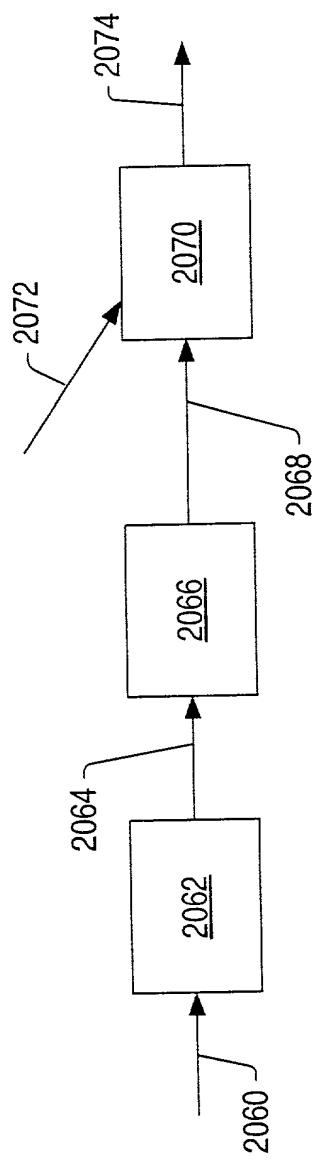


FIG. 43

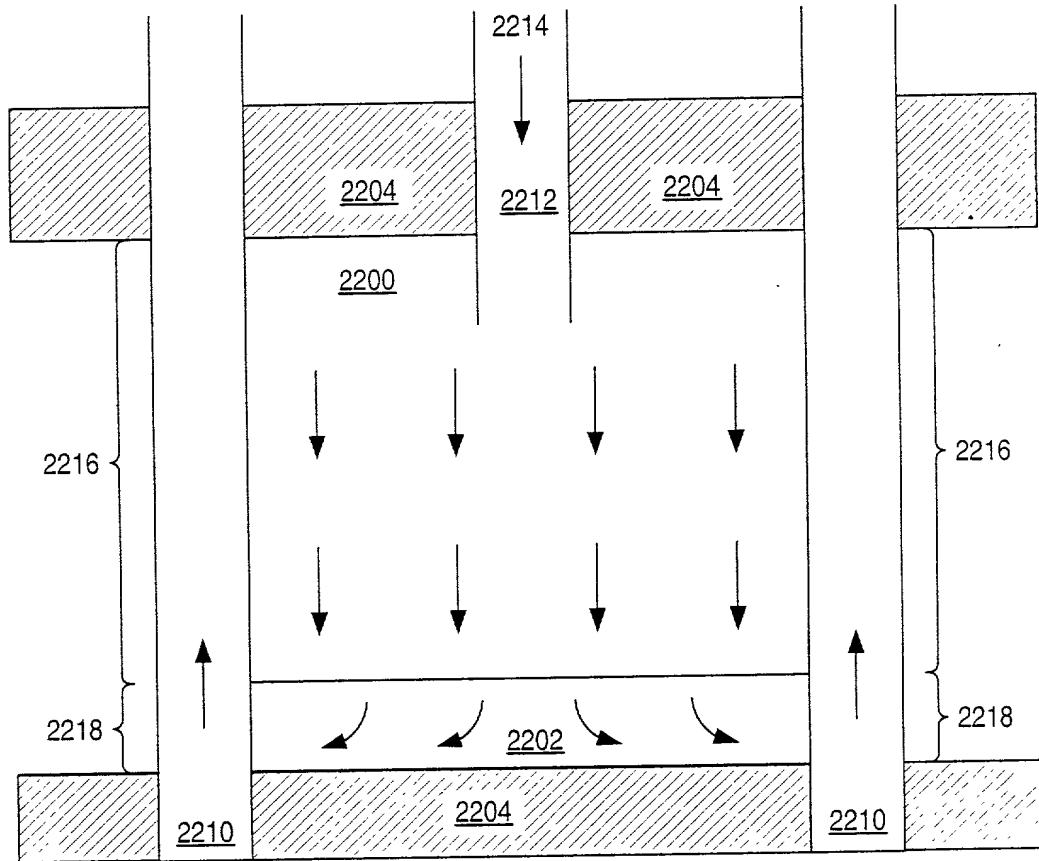


FIG. 44

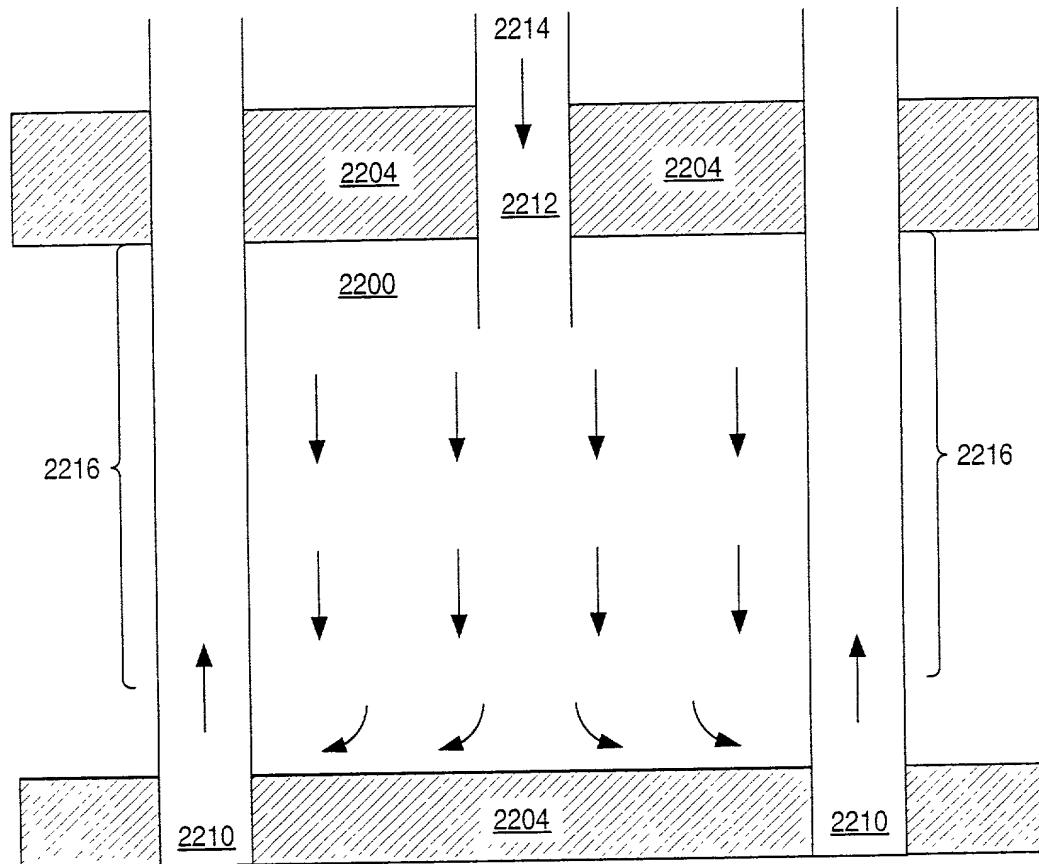


FIG. 45

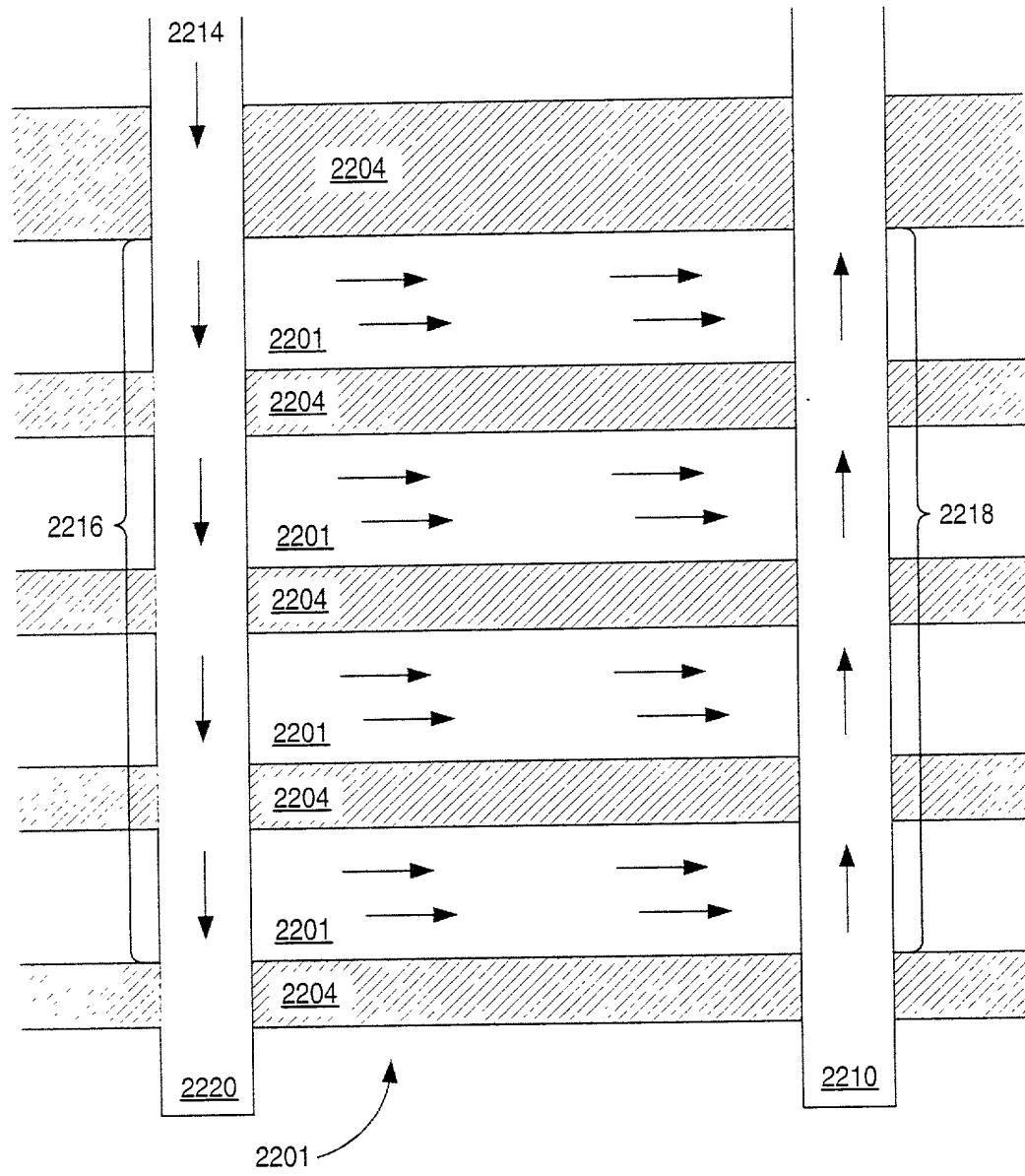
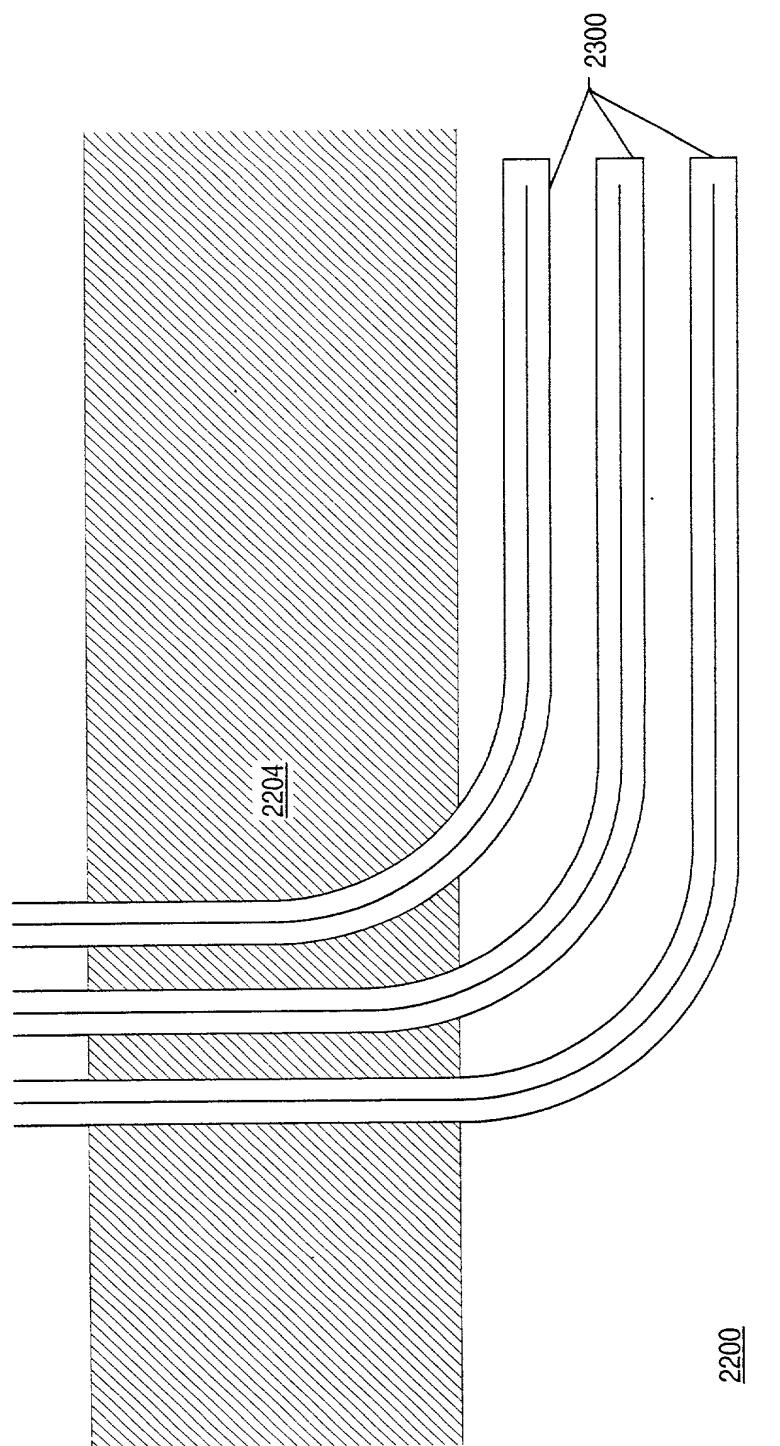


FIG. 46

FIG. 47



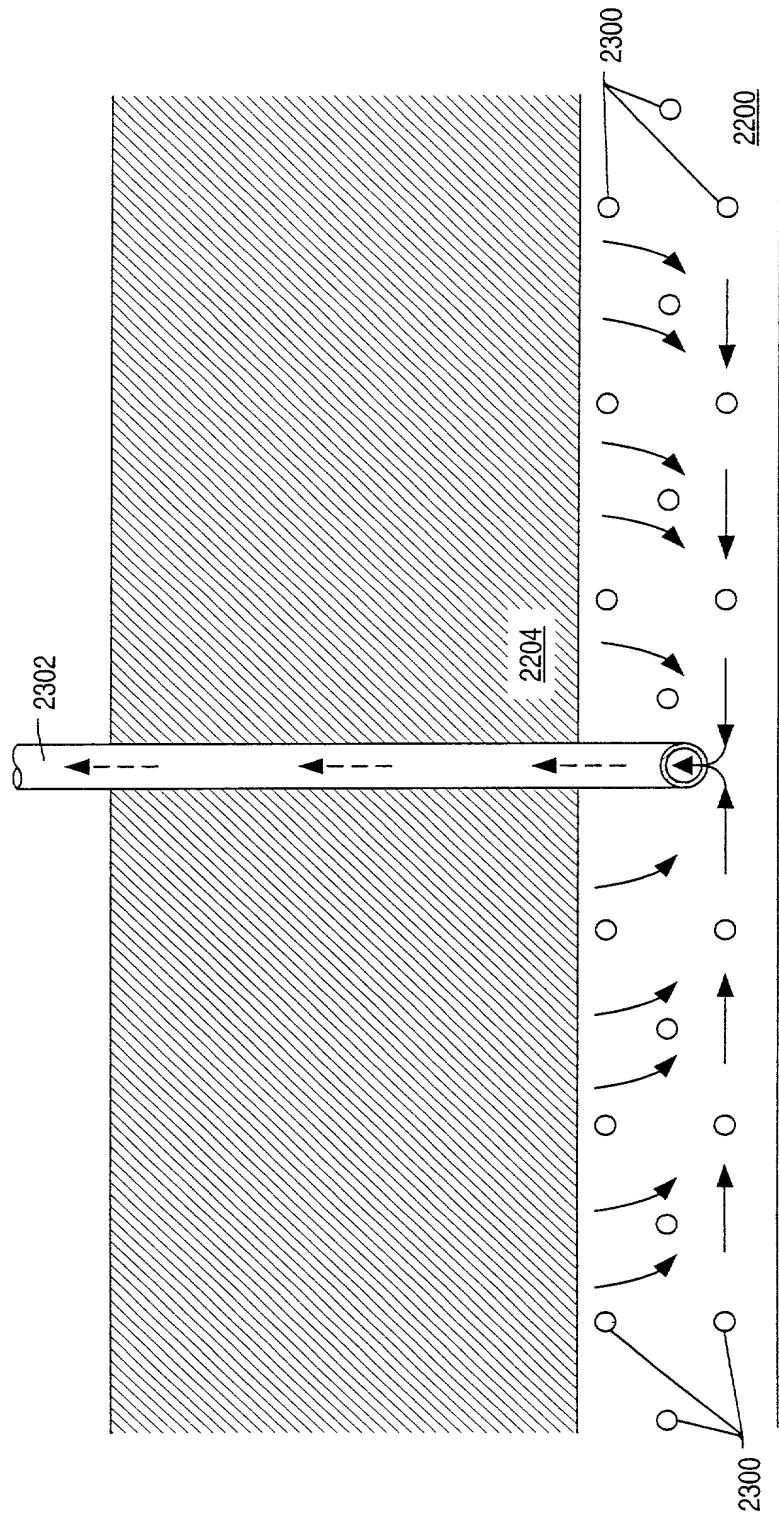


FIG. 48

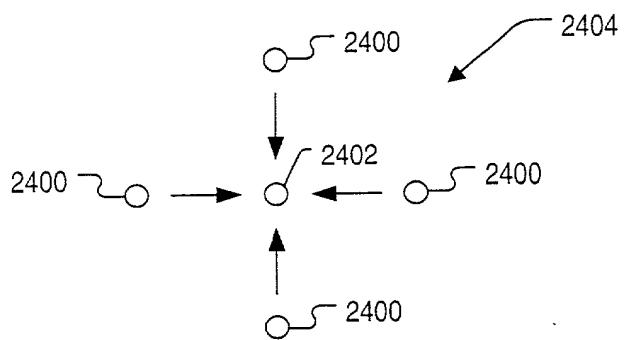


FIG. 49

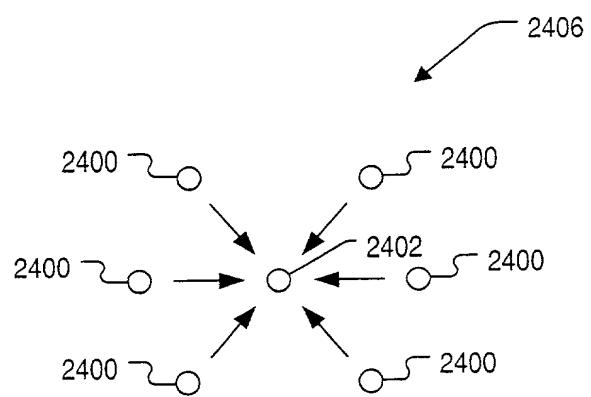


FIG. 50

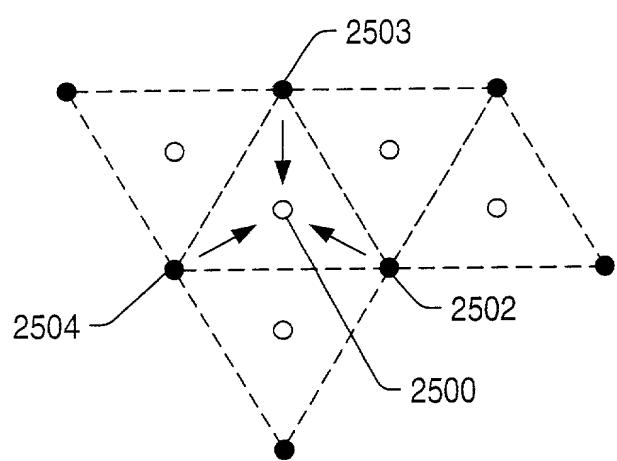


FIG. 51

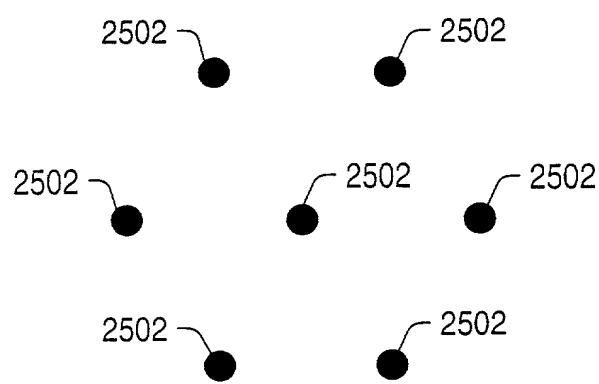


FIG. 52

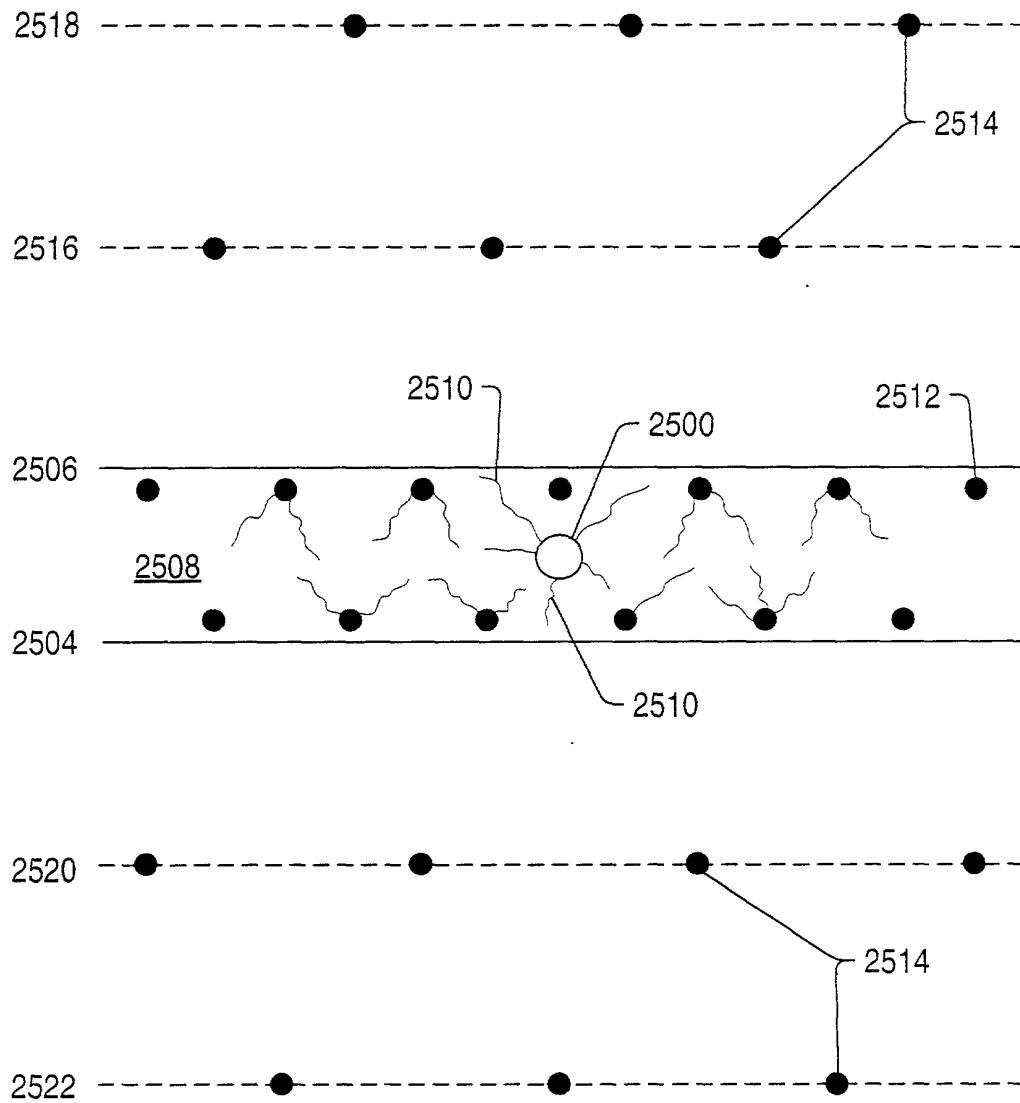


FIG. 53

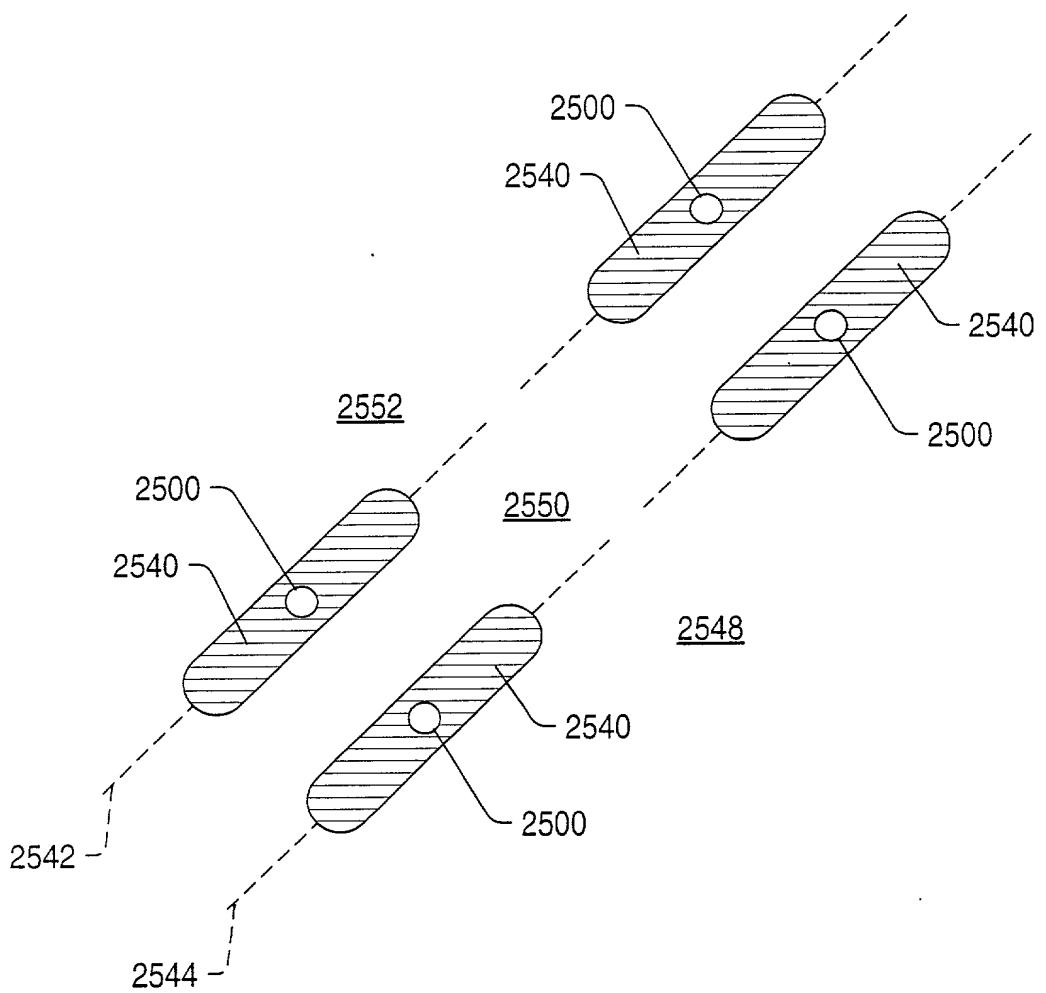


FIG. 54

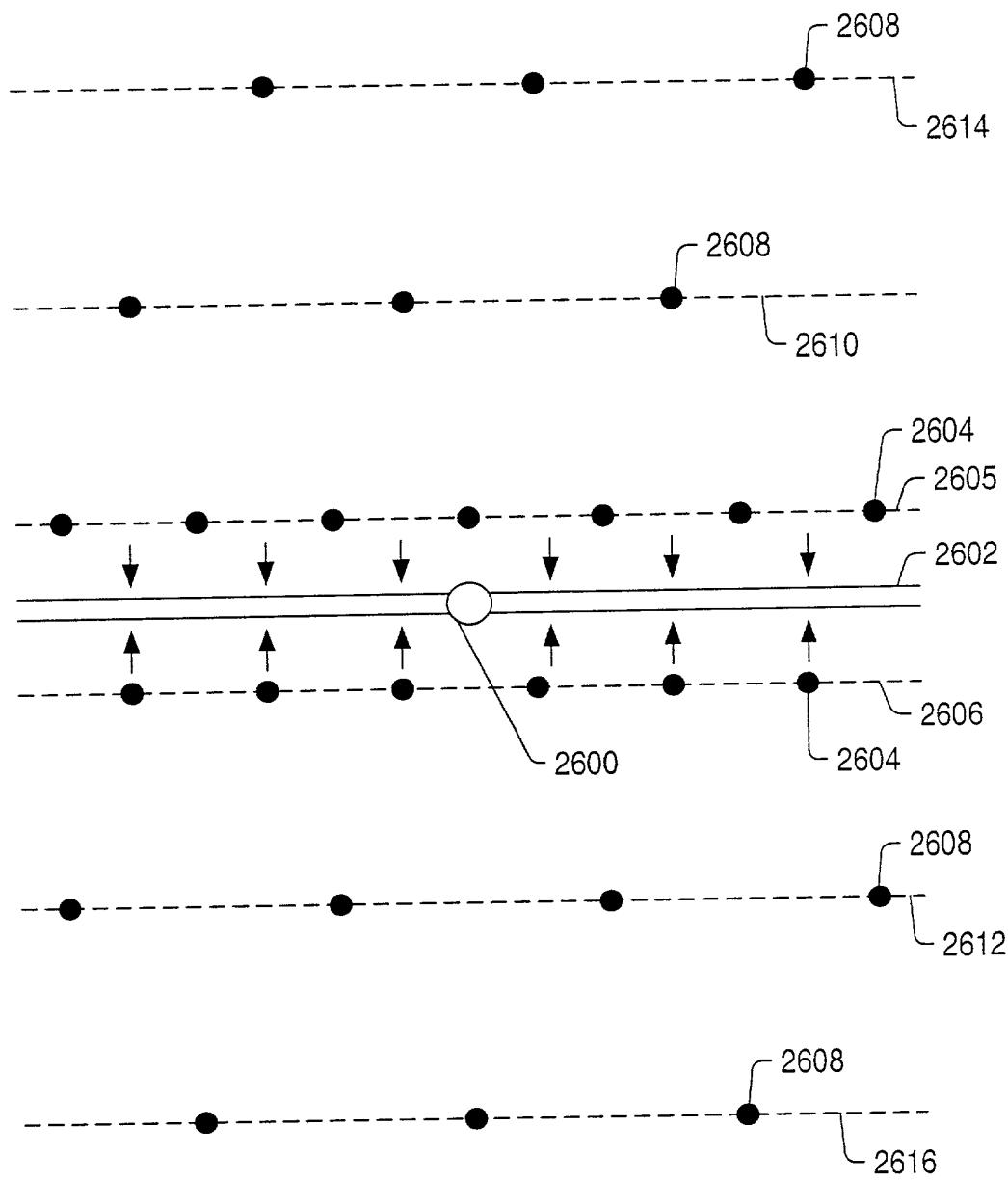


FIG. 55

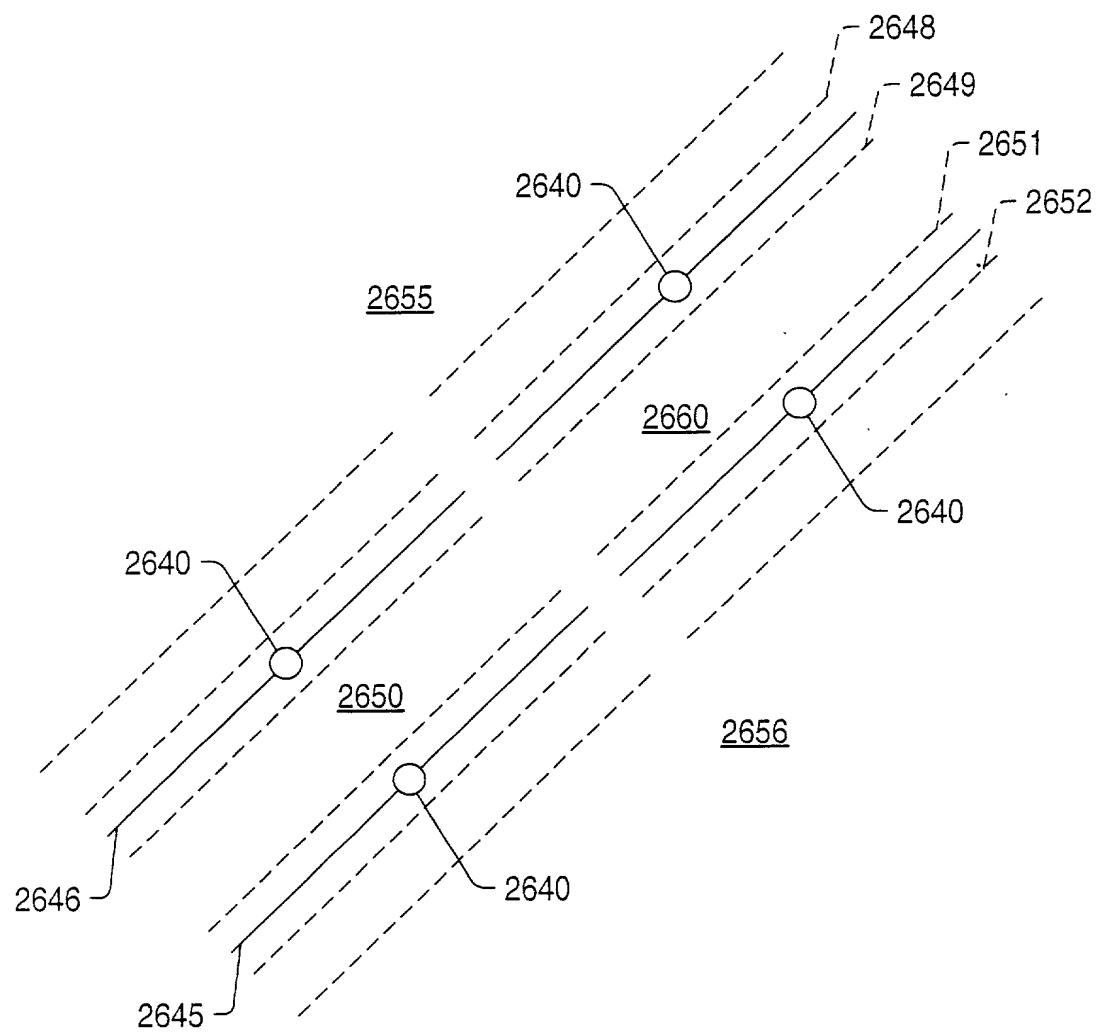


FIG. 56

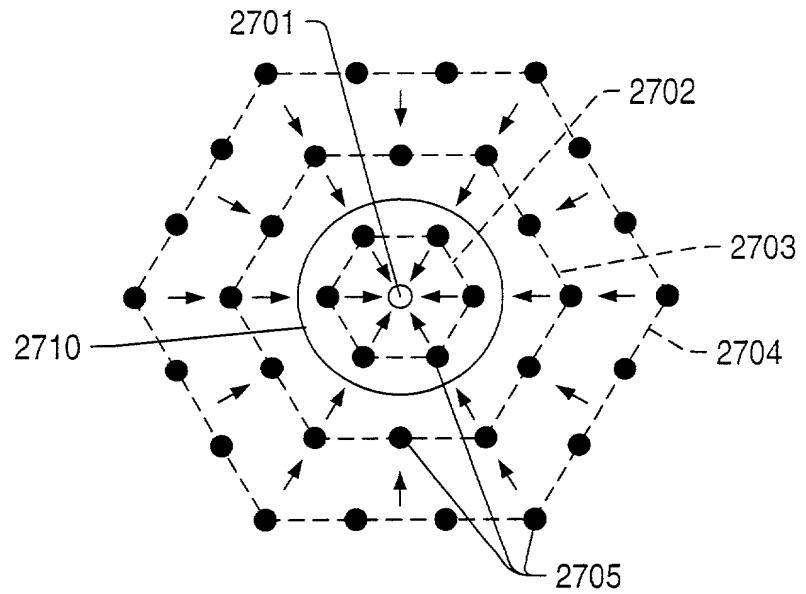


FIG. 57

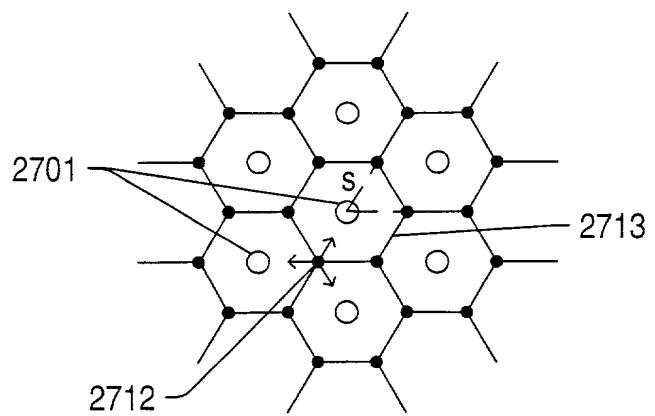


FIG. 58

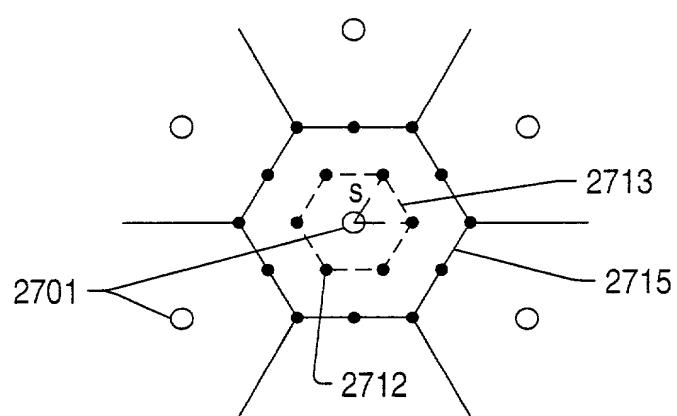


FIG. 59

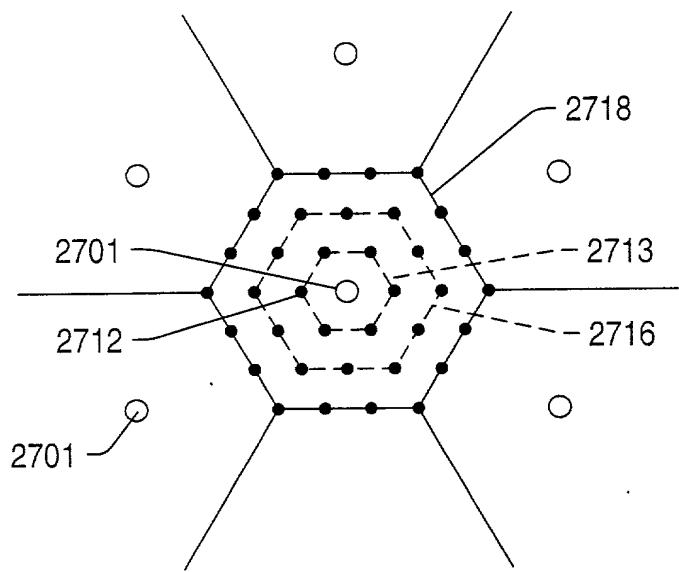


FIG. 60

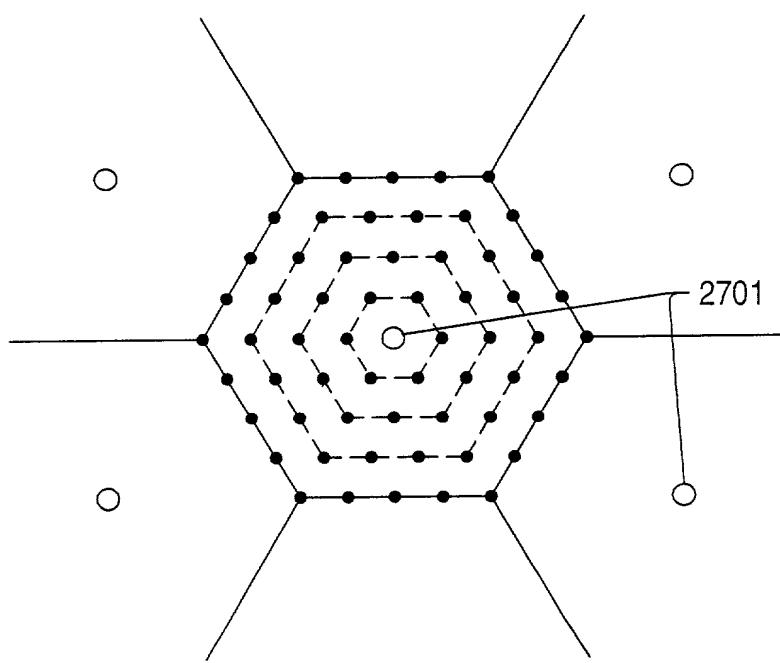


FIG. 61

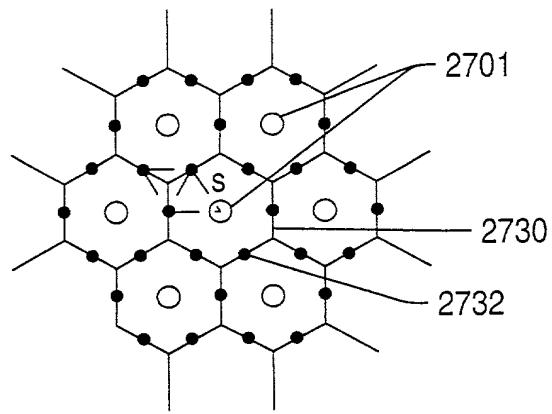


FIG. 62

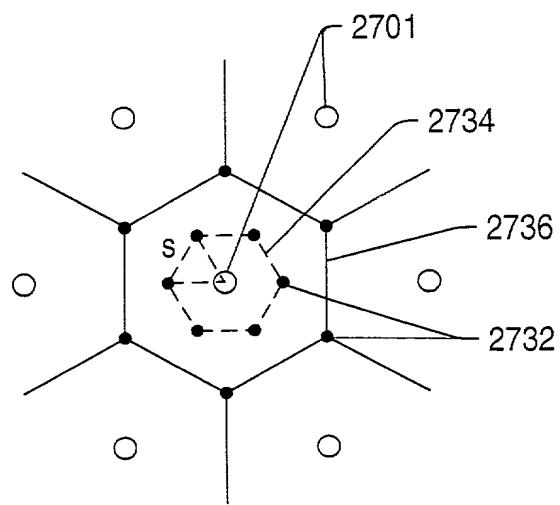


FIG. 63

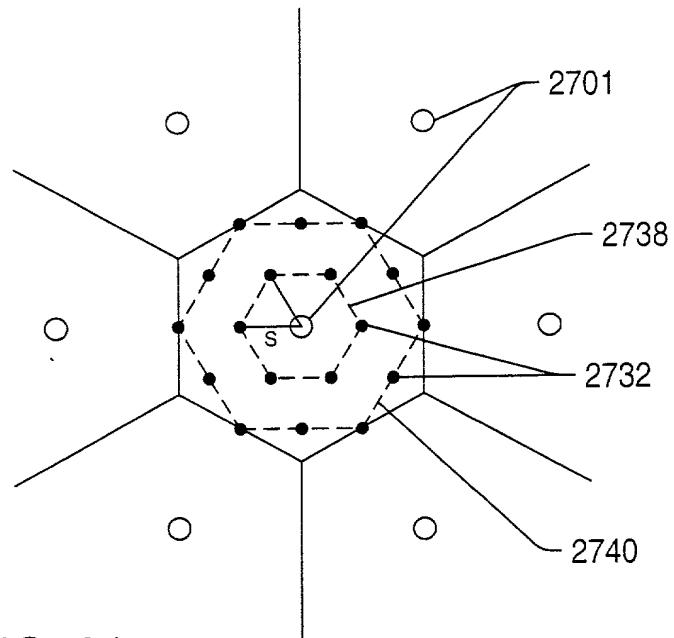


FIG. 64

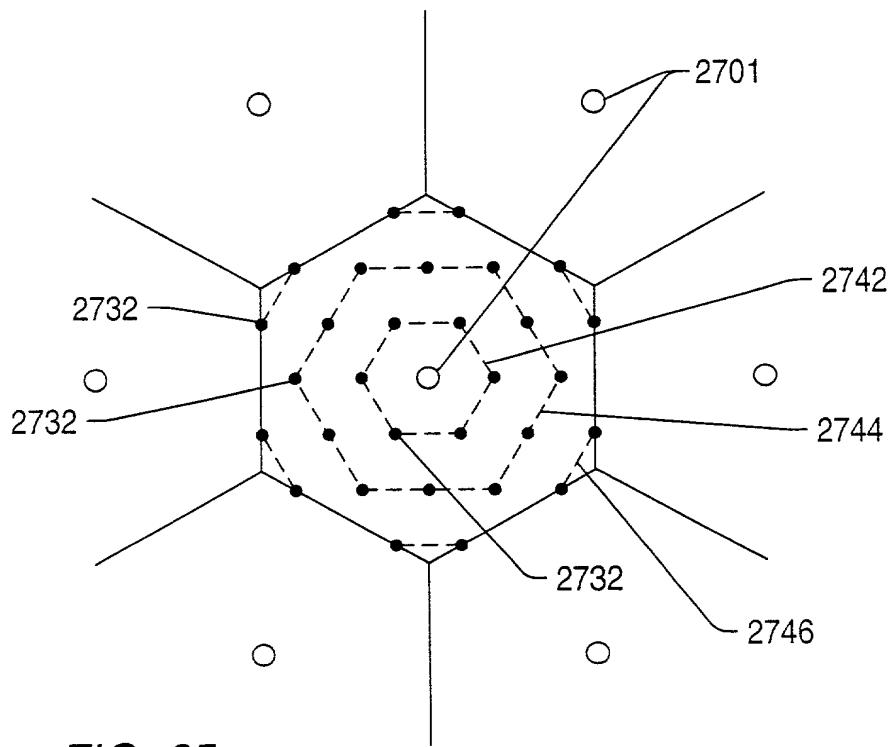


FIG. 65

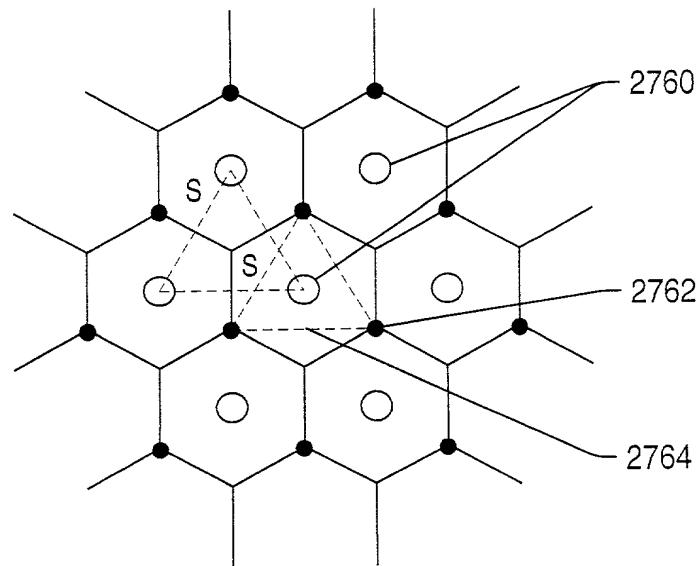


FIG. 66

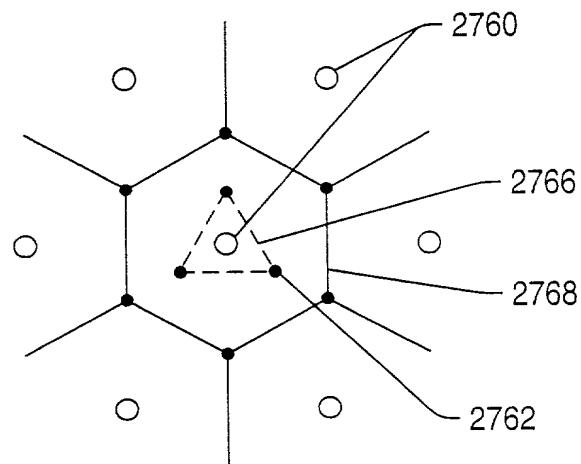


FIG. 67

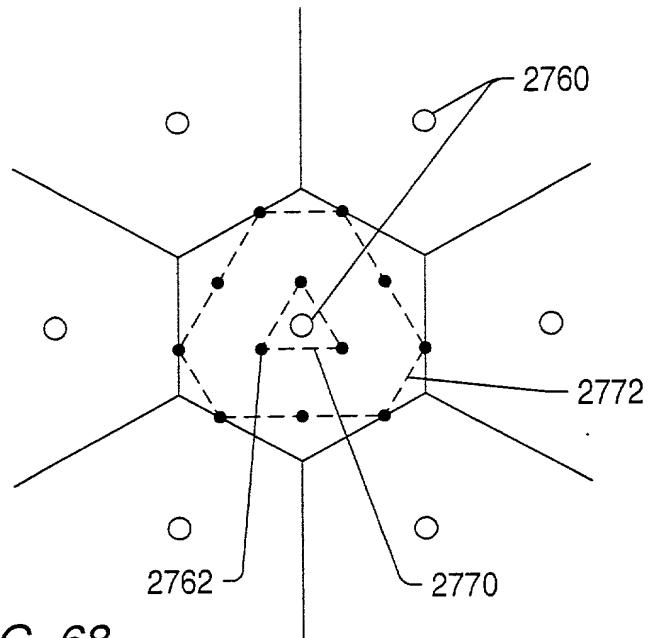


FIG. 68

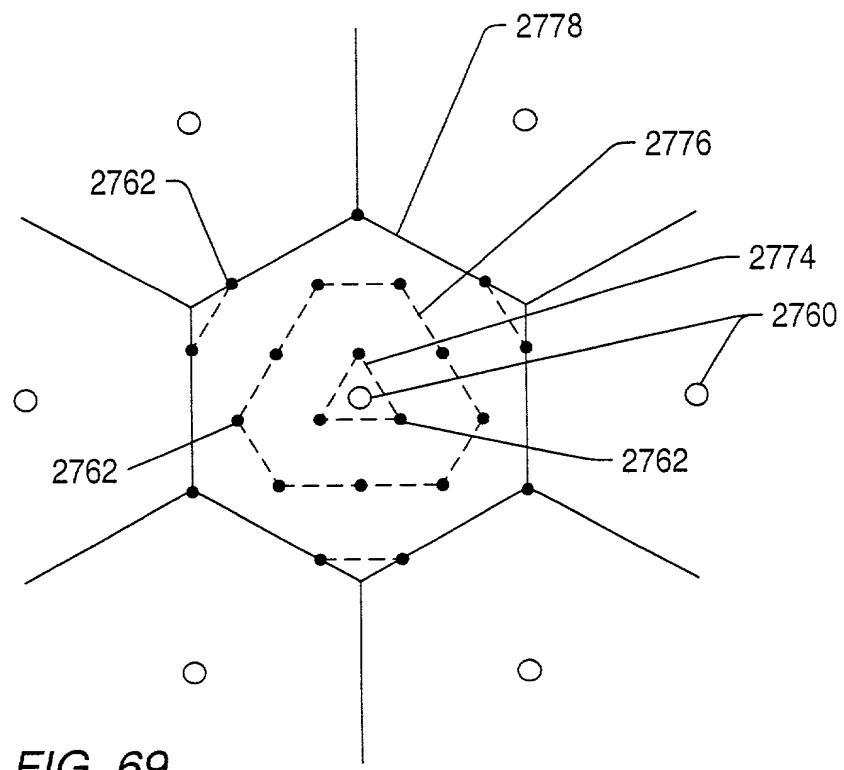


FIG. 69

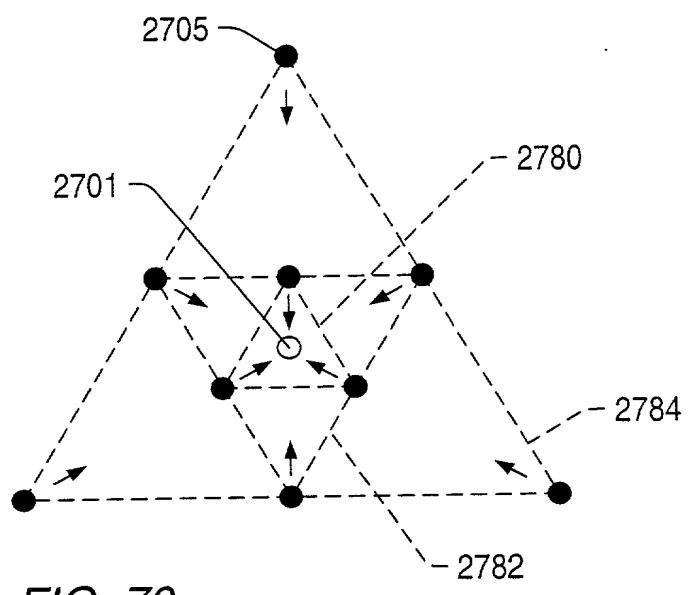
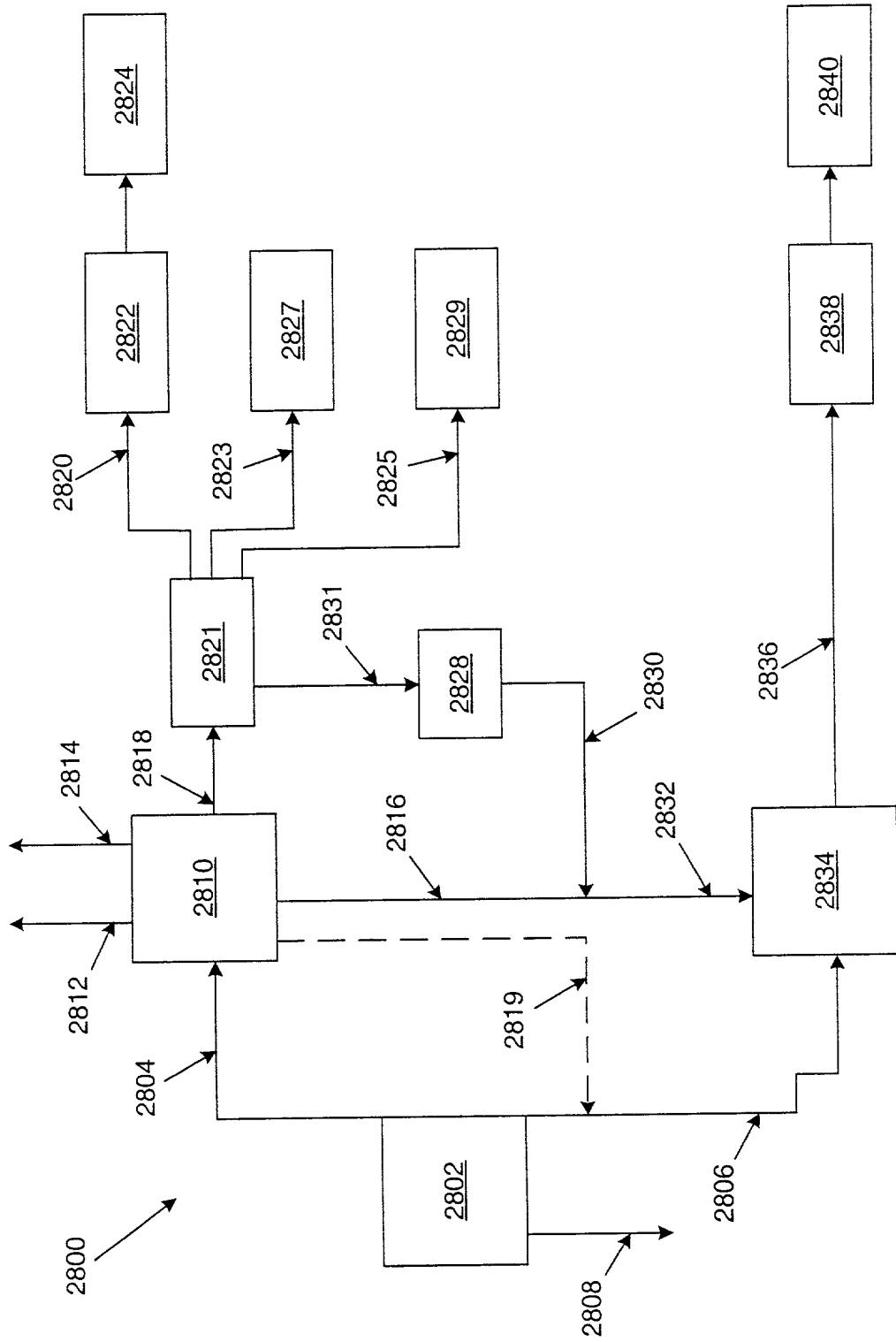


FIG. 70

Fig. 71



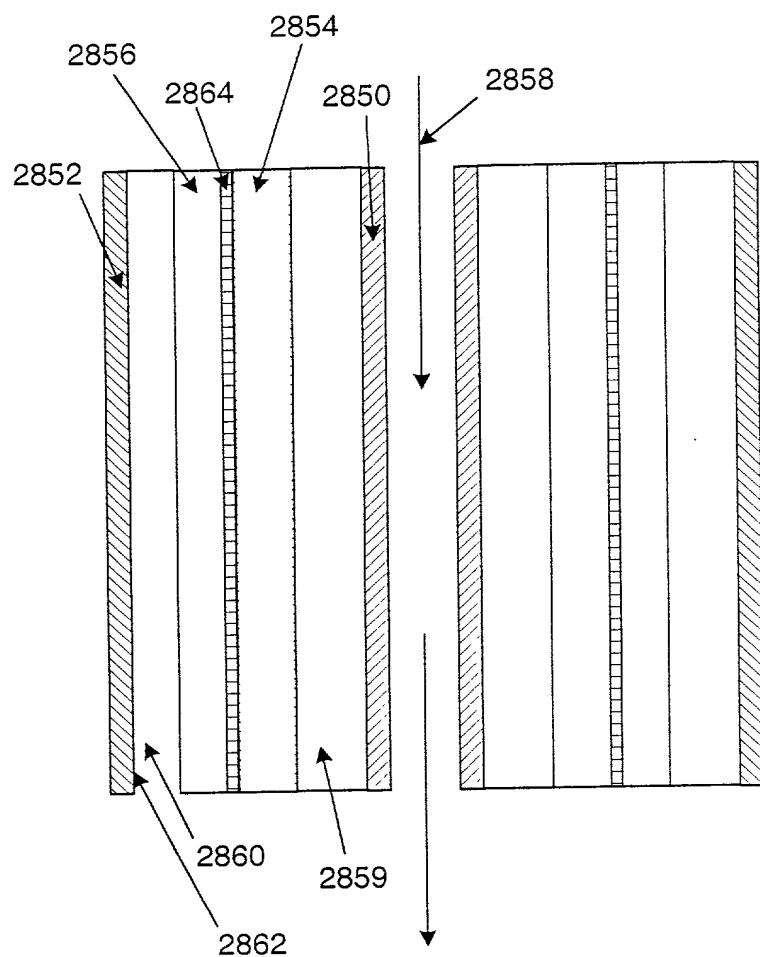


Fig. 72

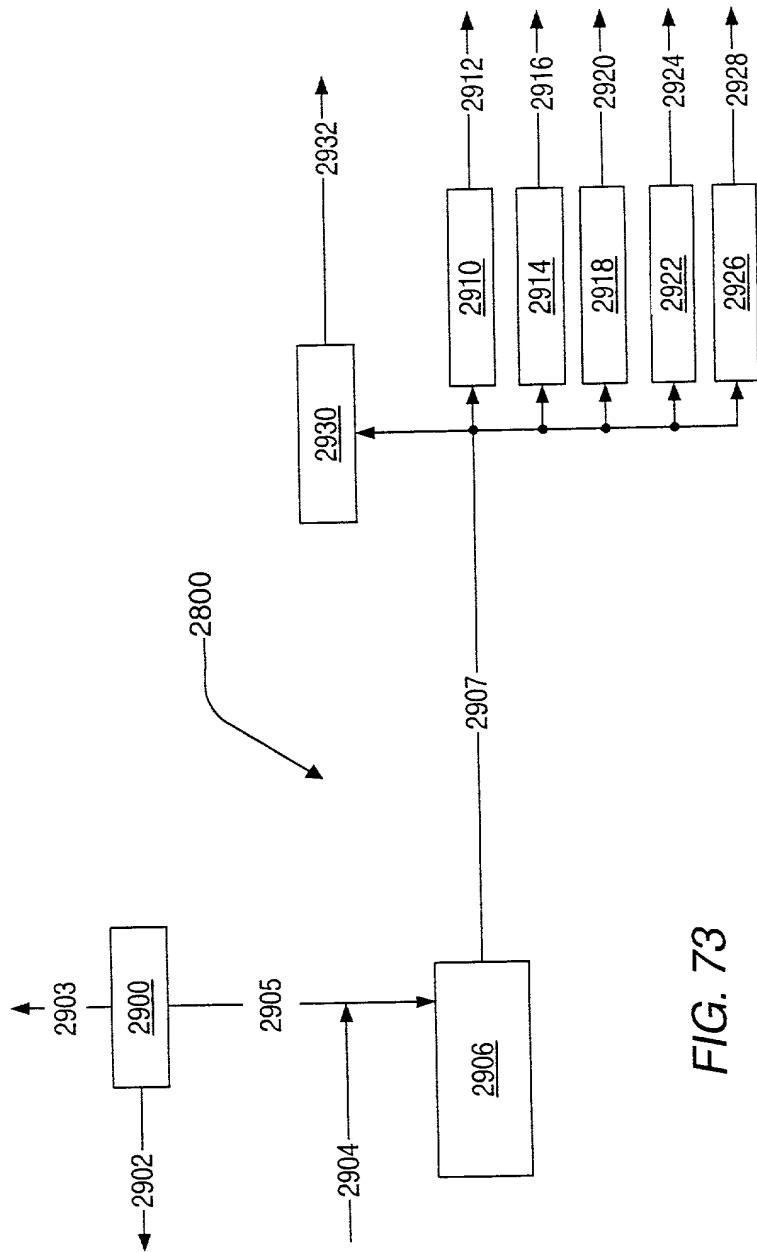


FIG. 73

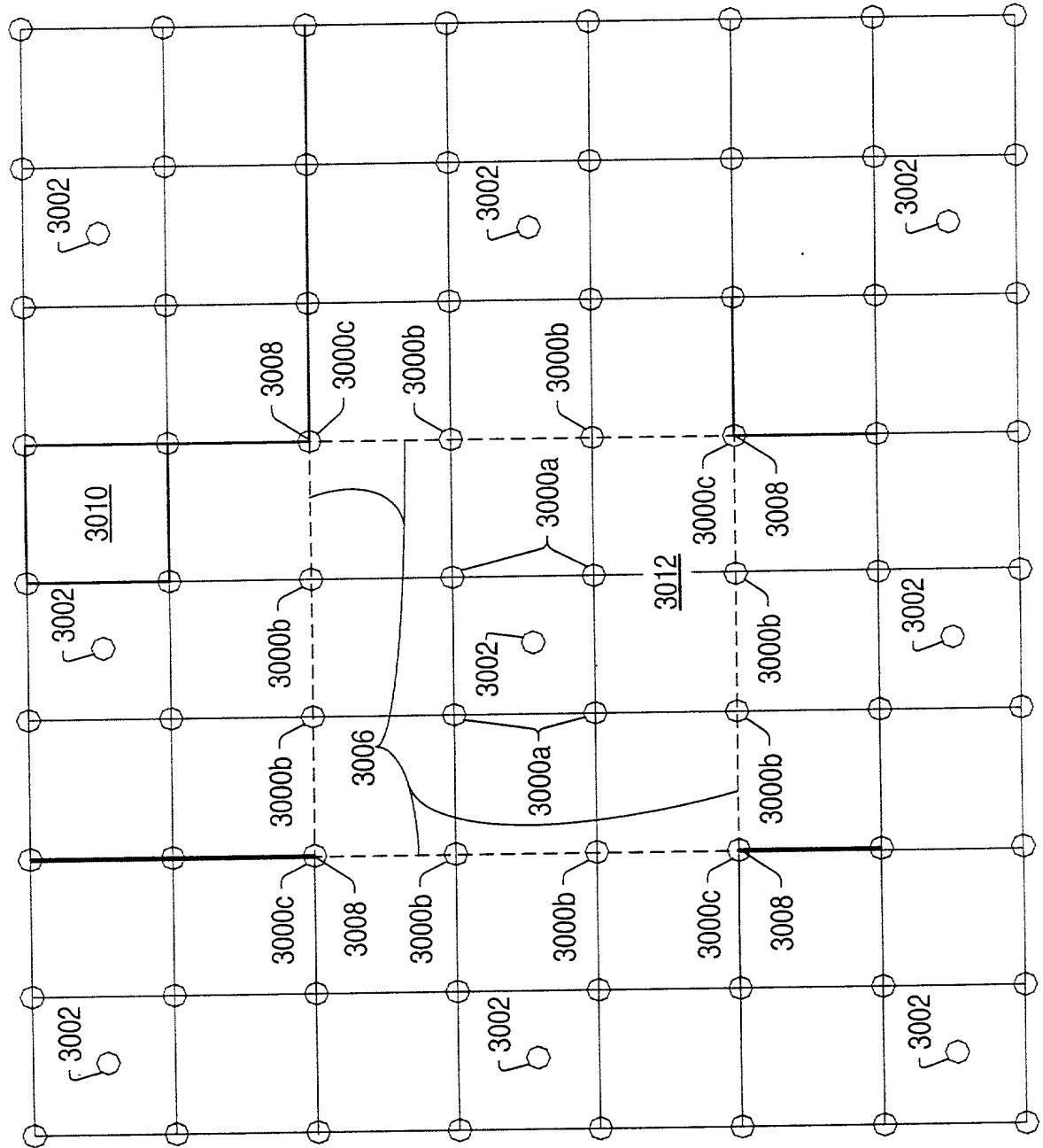


FIG. 74

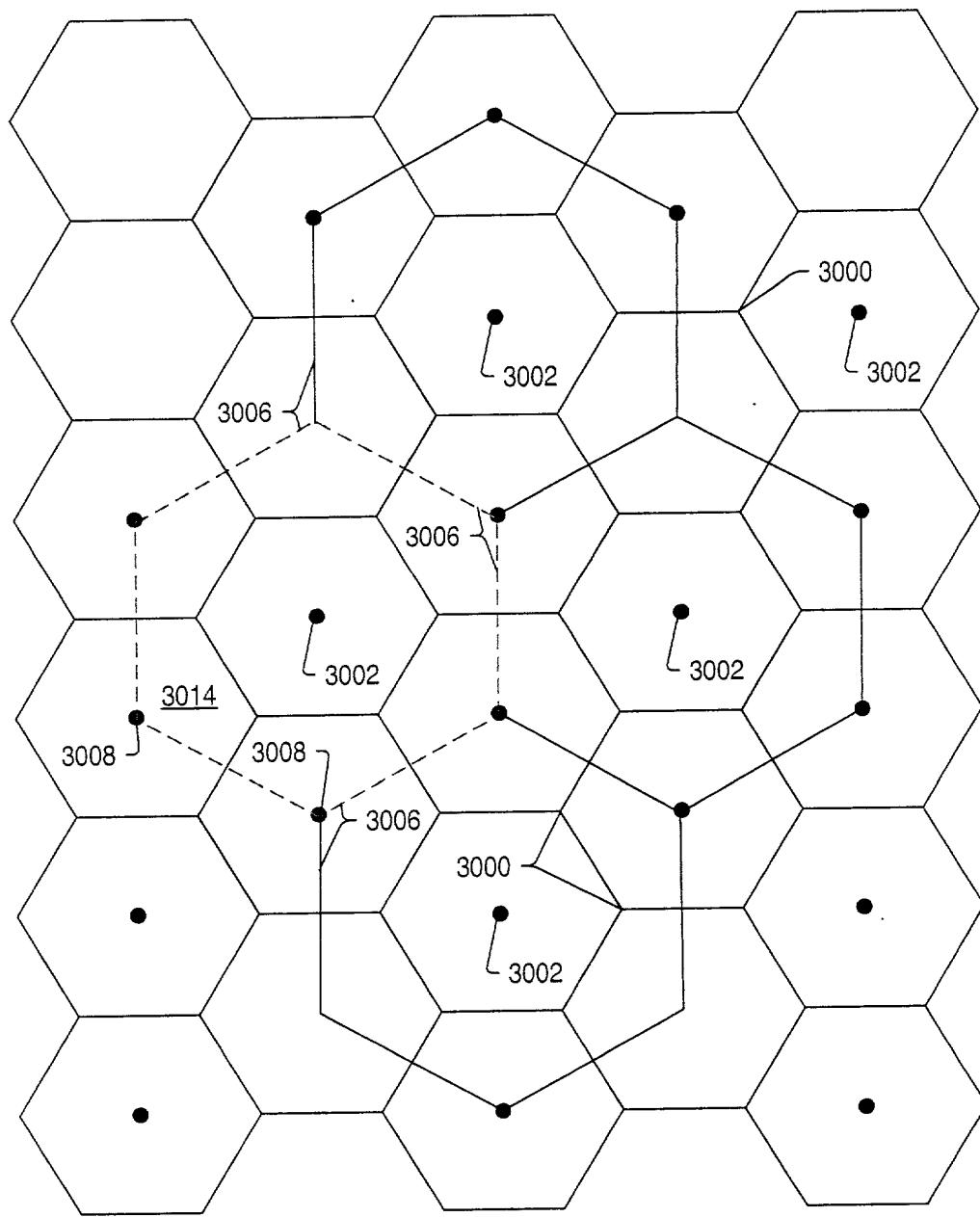


FIG. 75

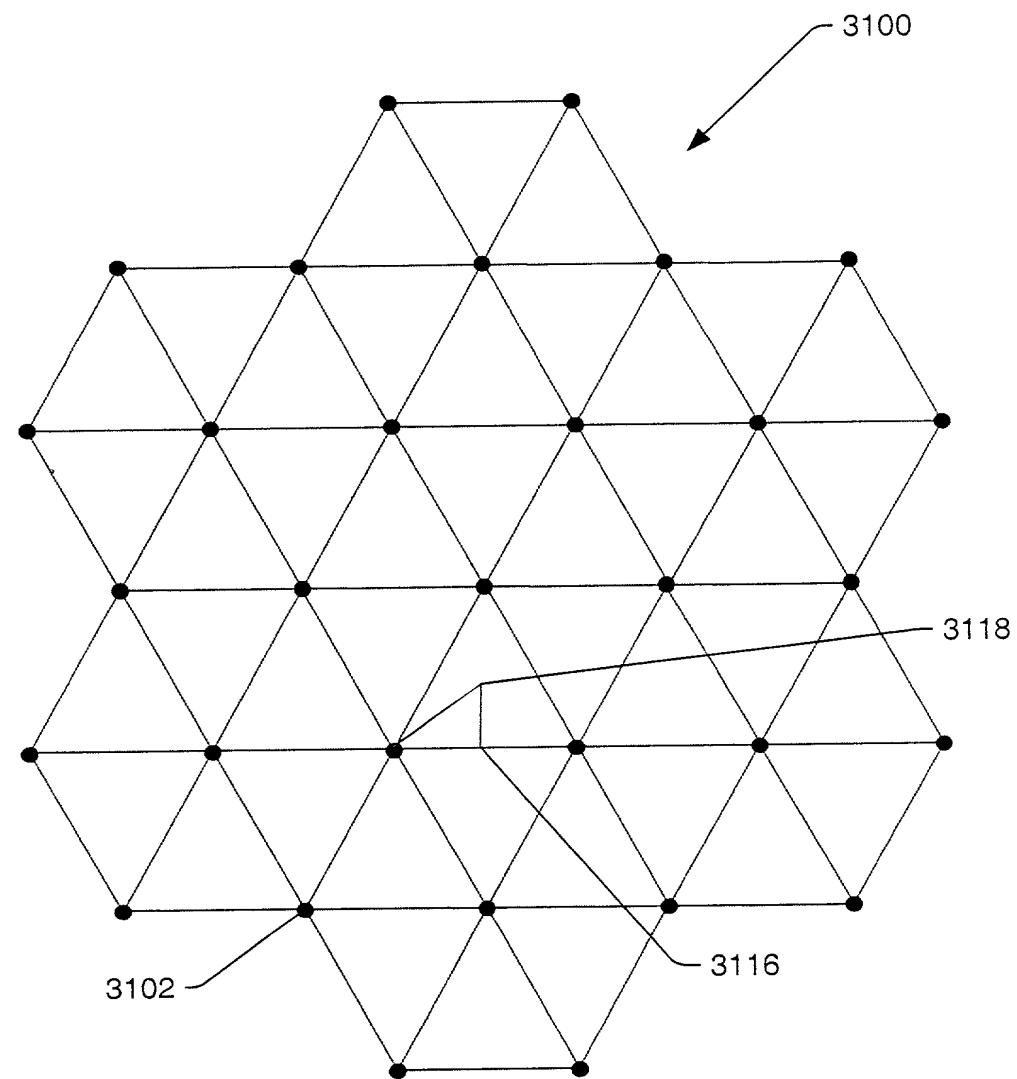


FIG. 76

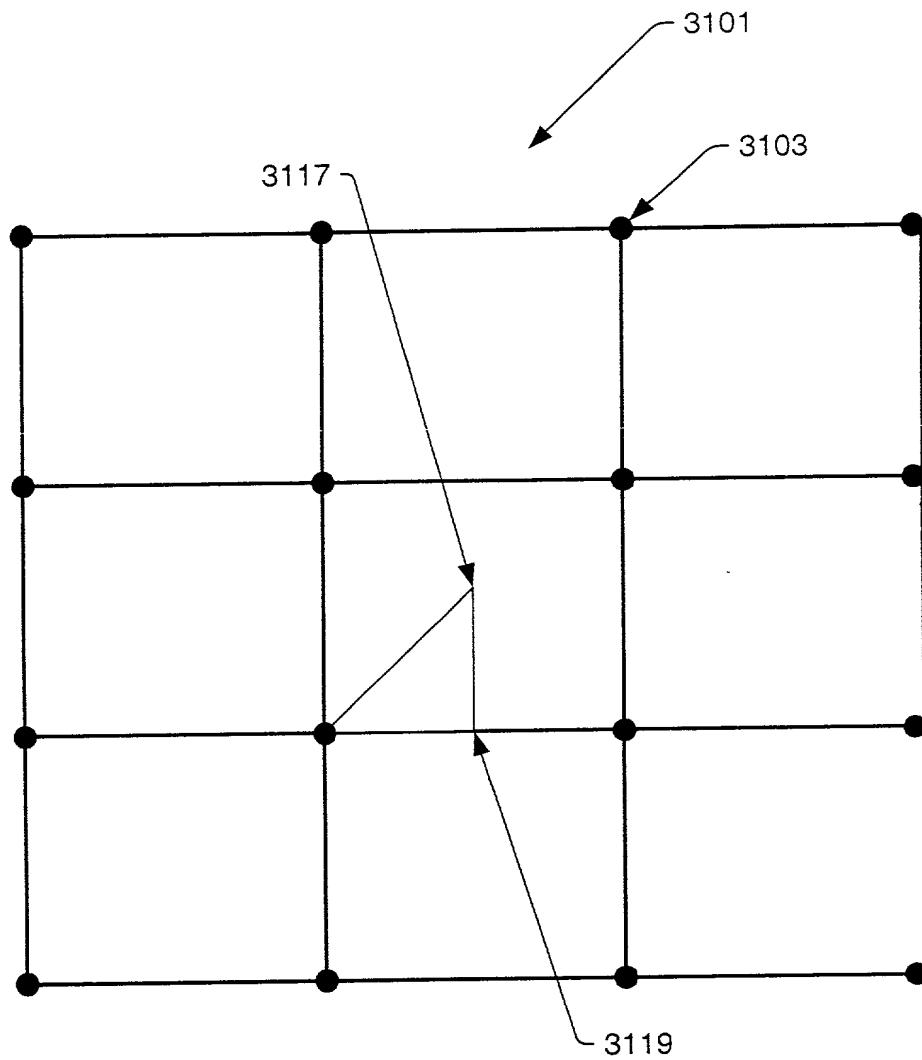


FIG. 76a

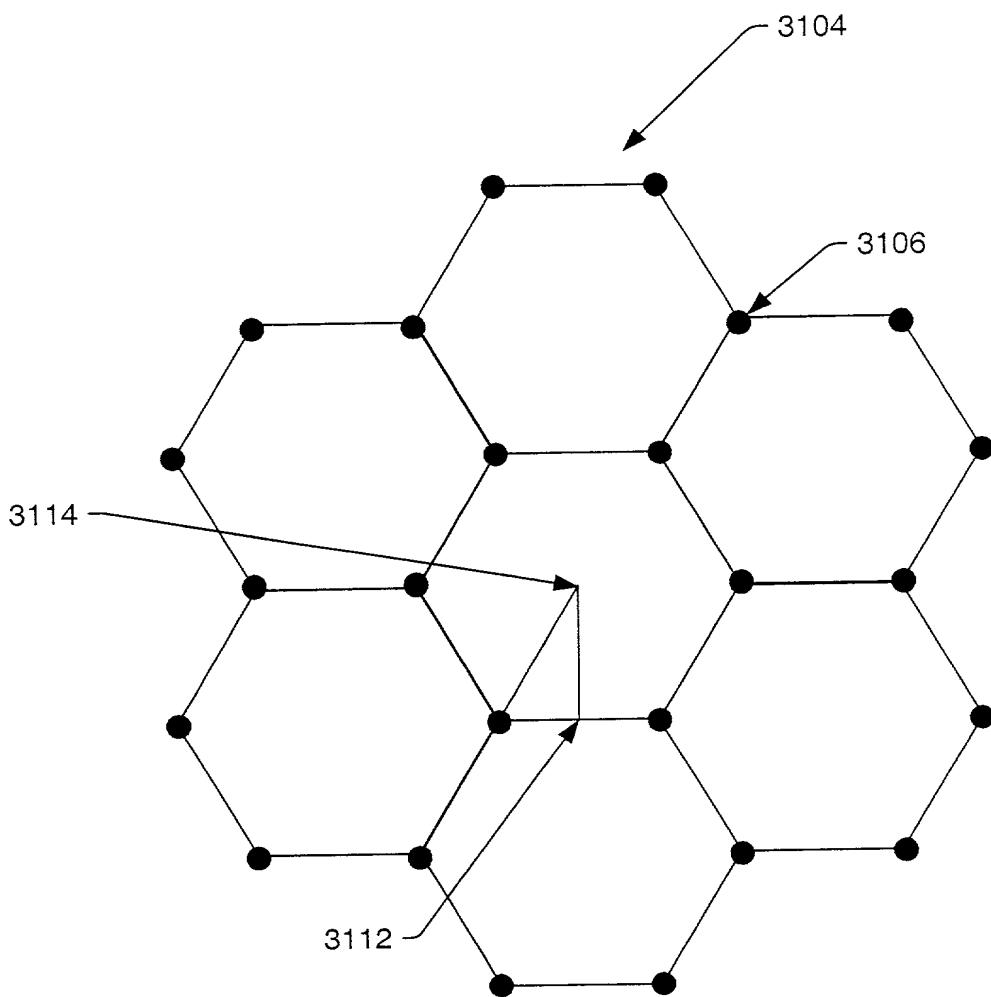


FIG. 77

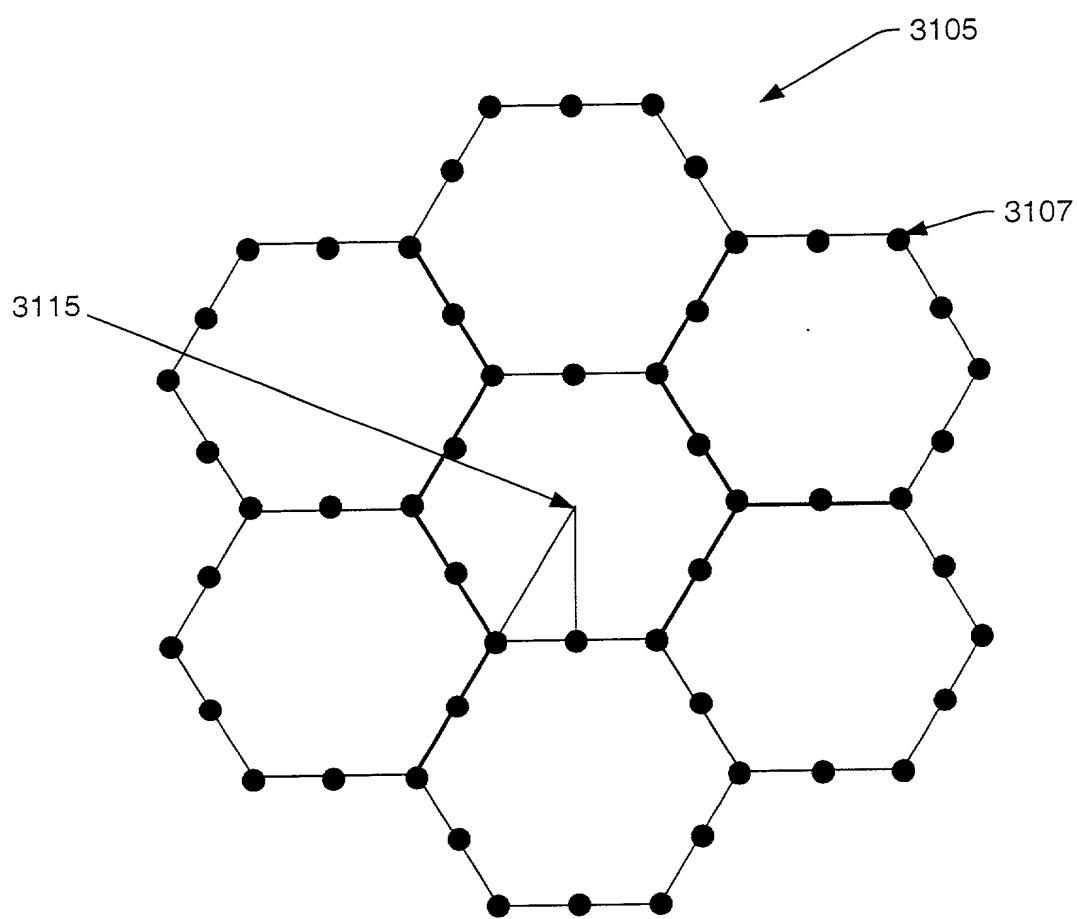
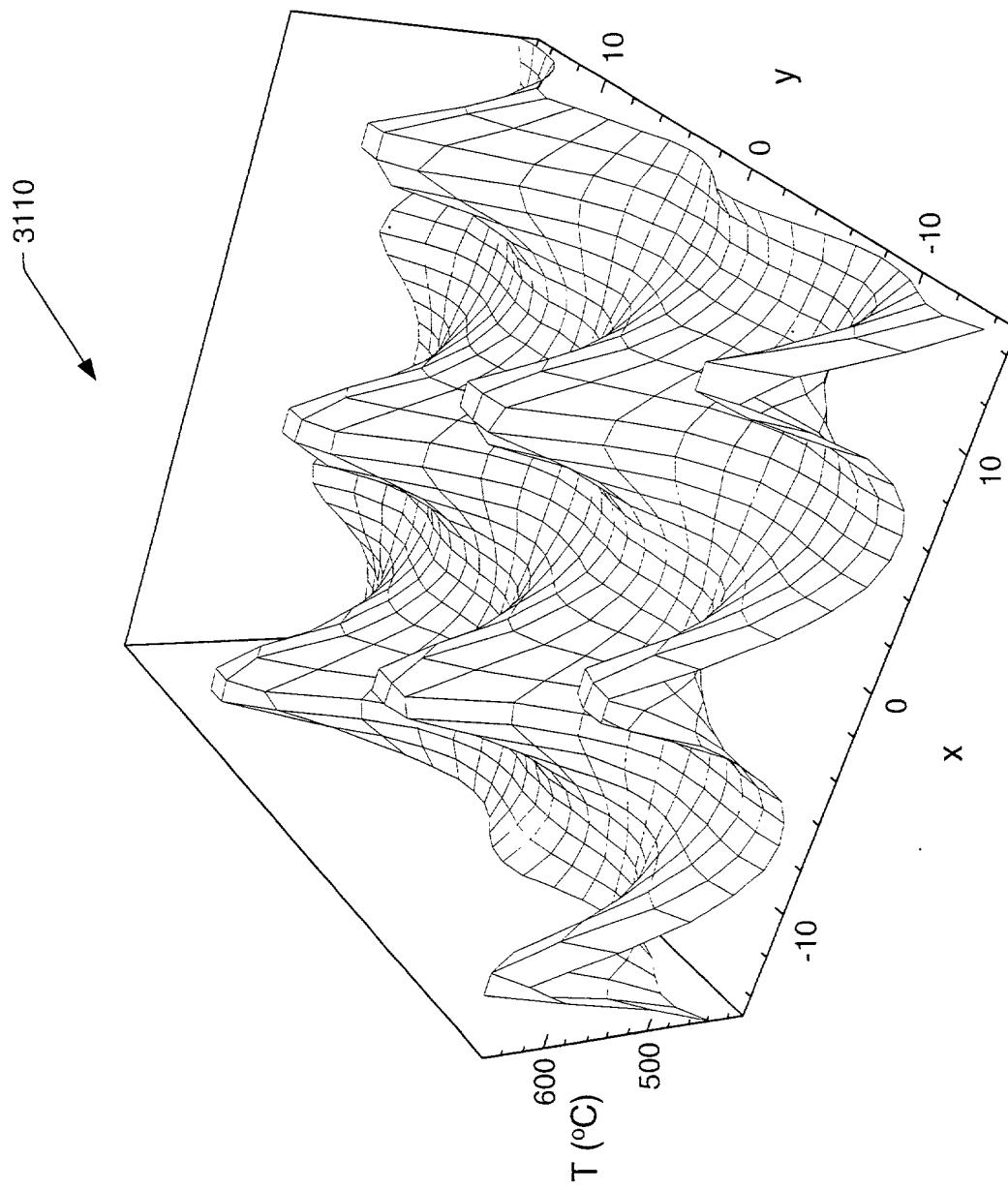


FIG. 77a

FIG. 78



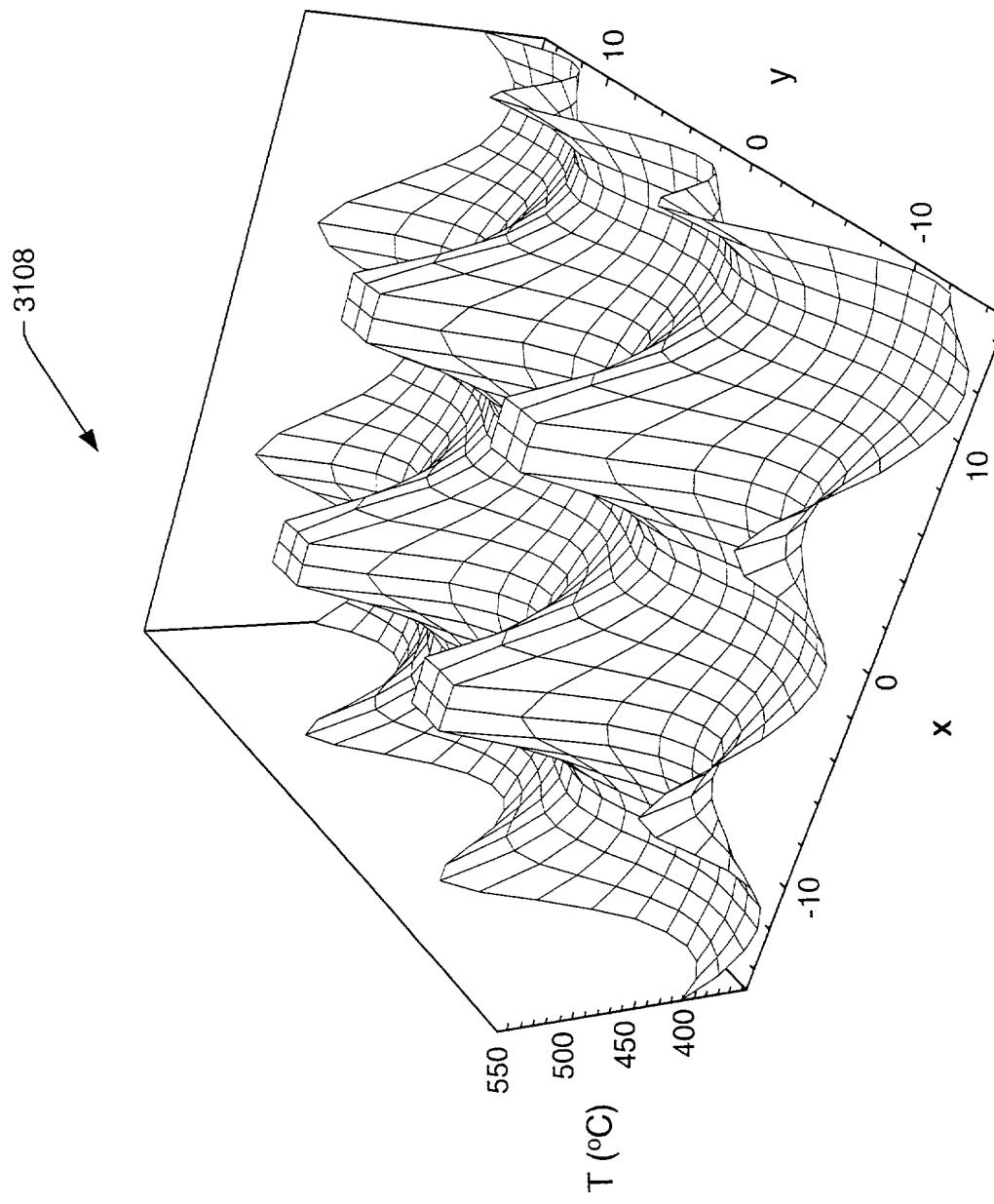


FIG. 79

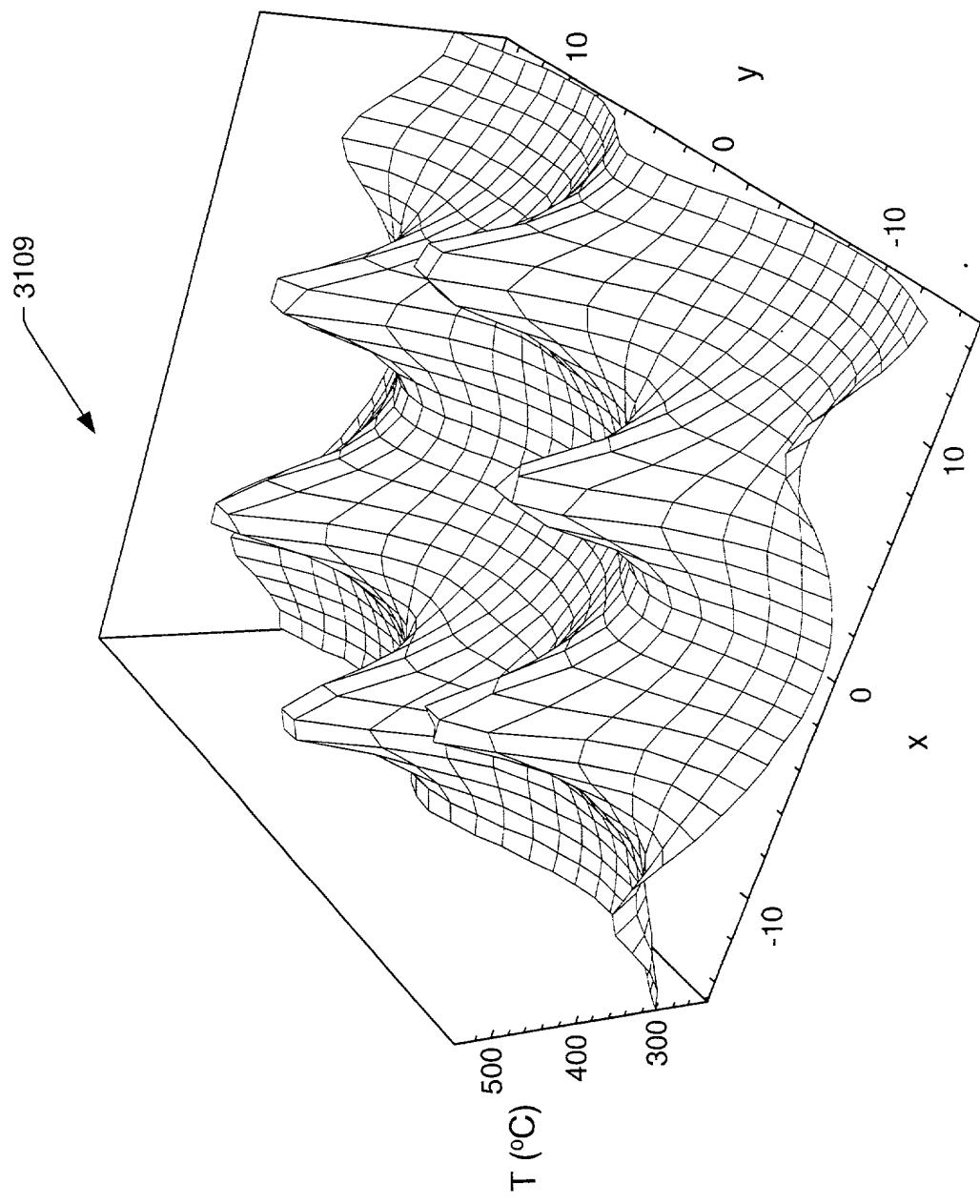


FIG. 79a

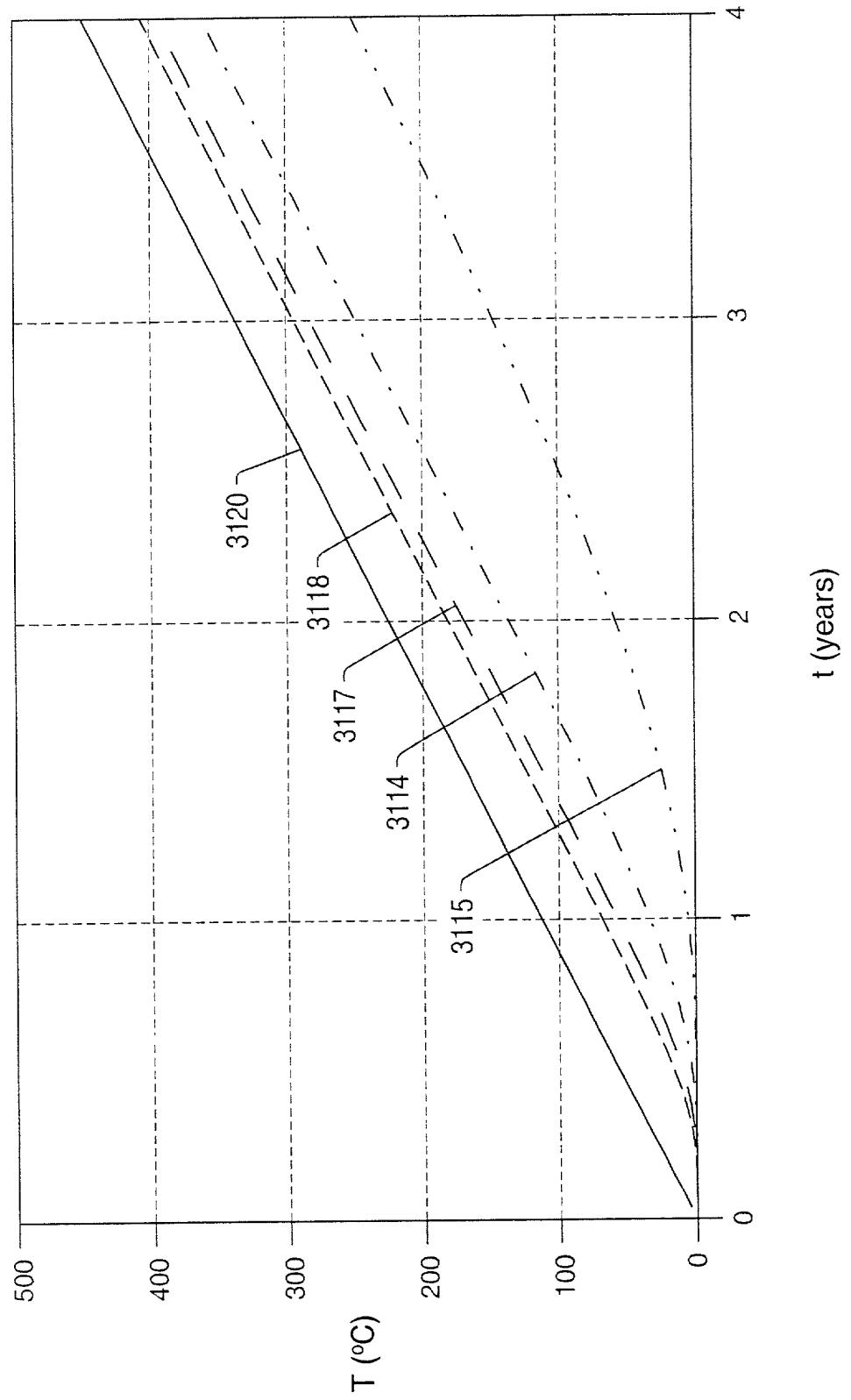


FIG. 80

FIG. 81

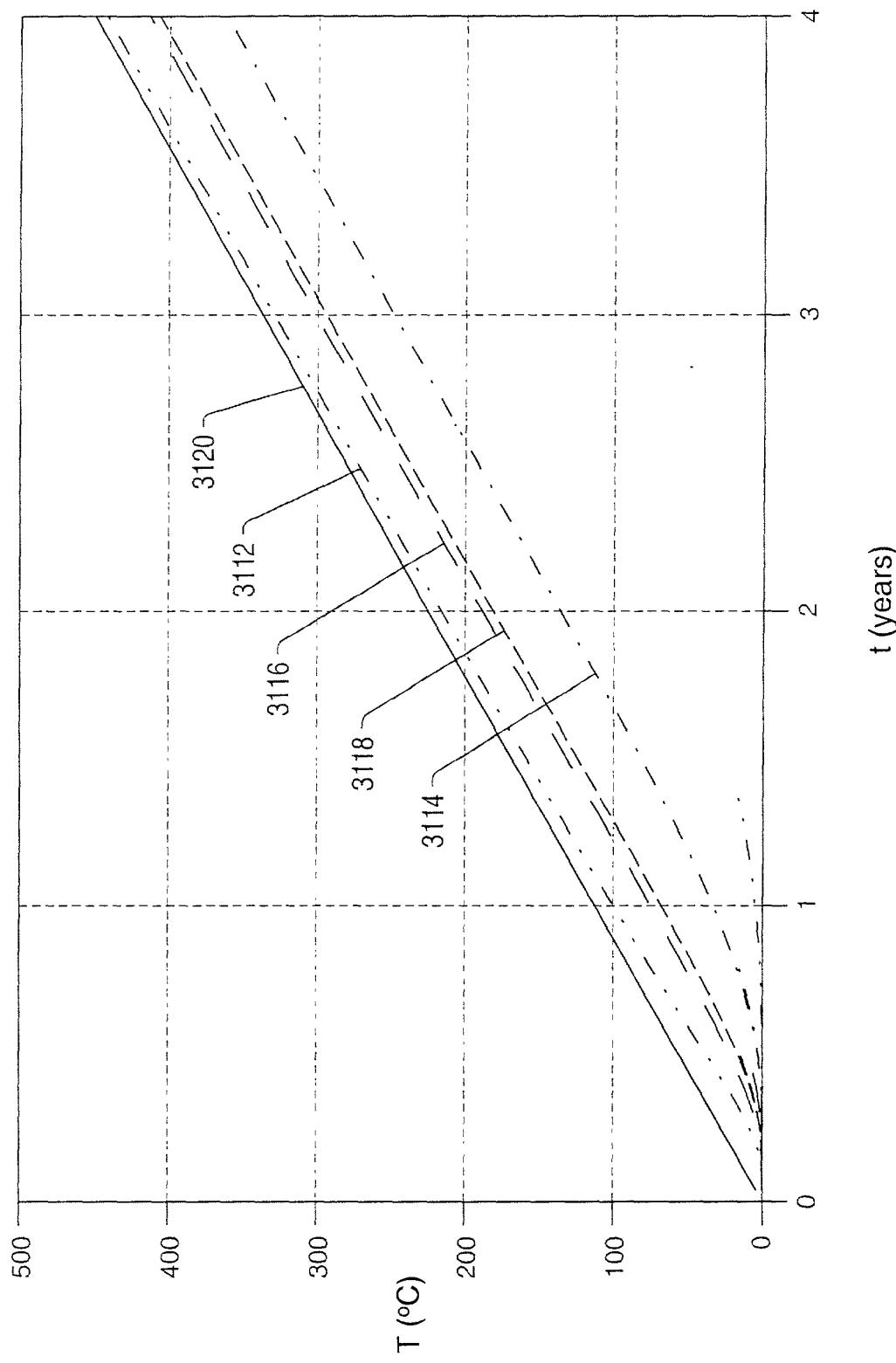


FIG. 81a

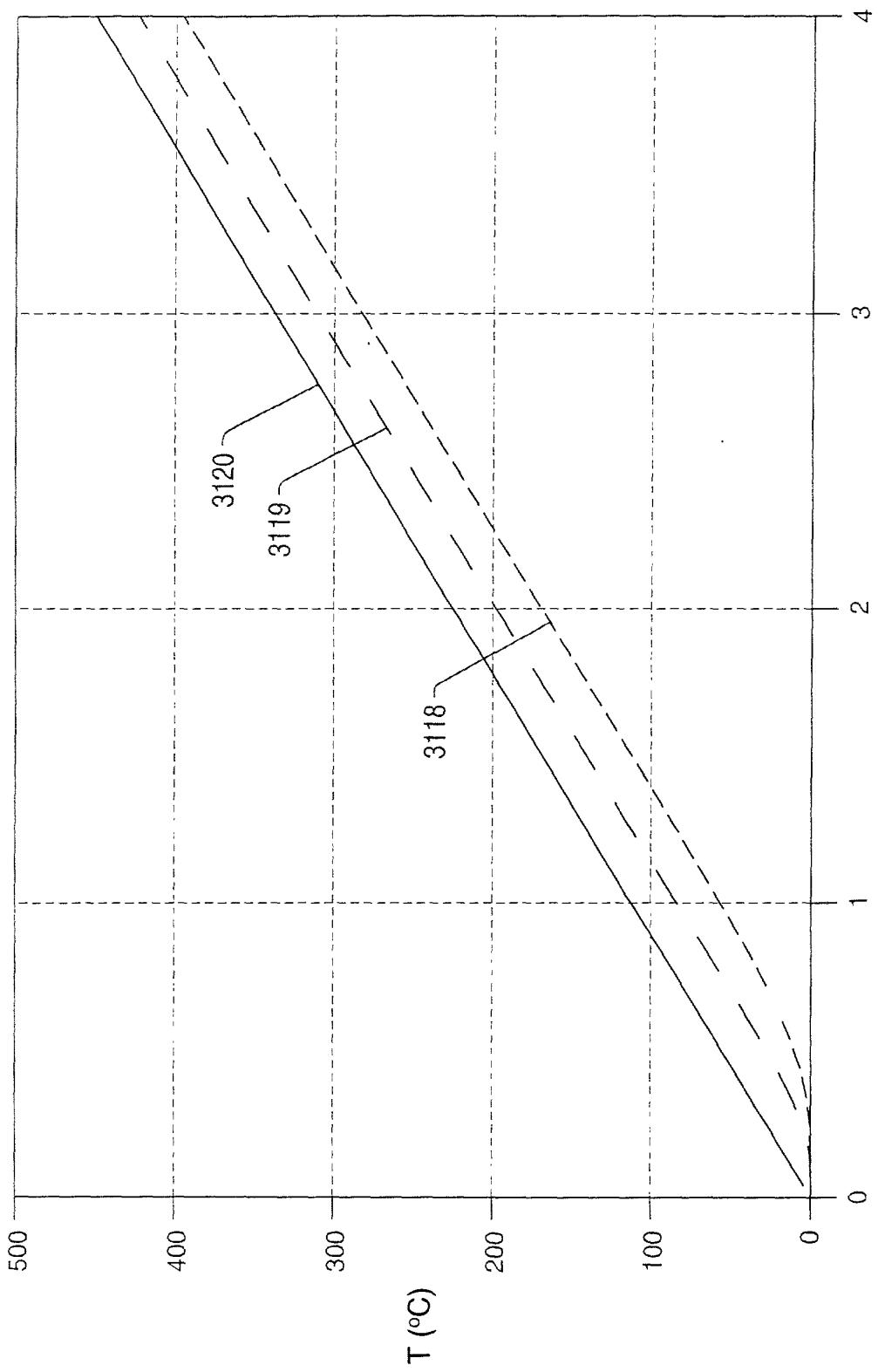


FIG. 81b

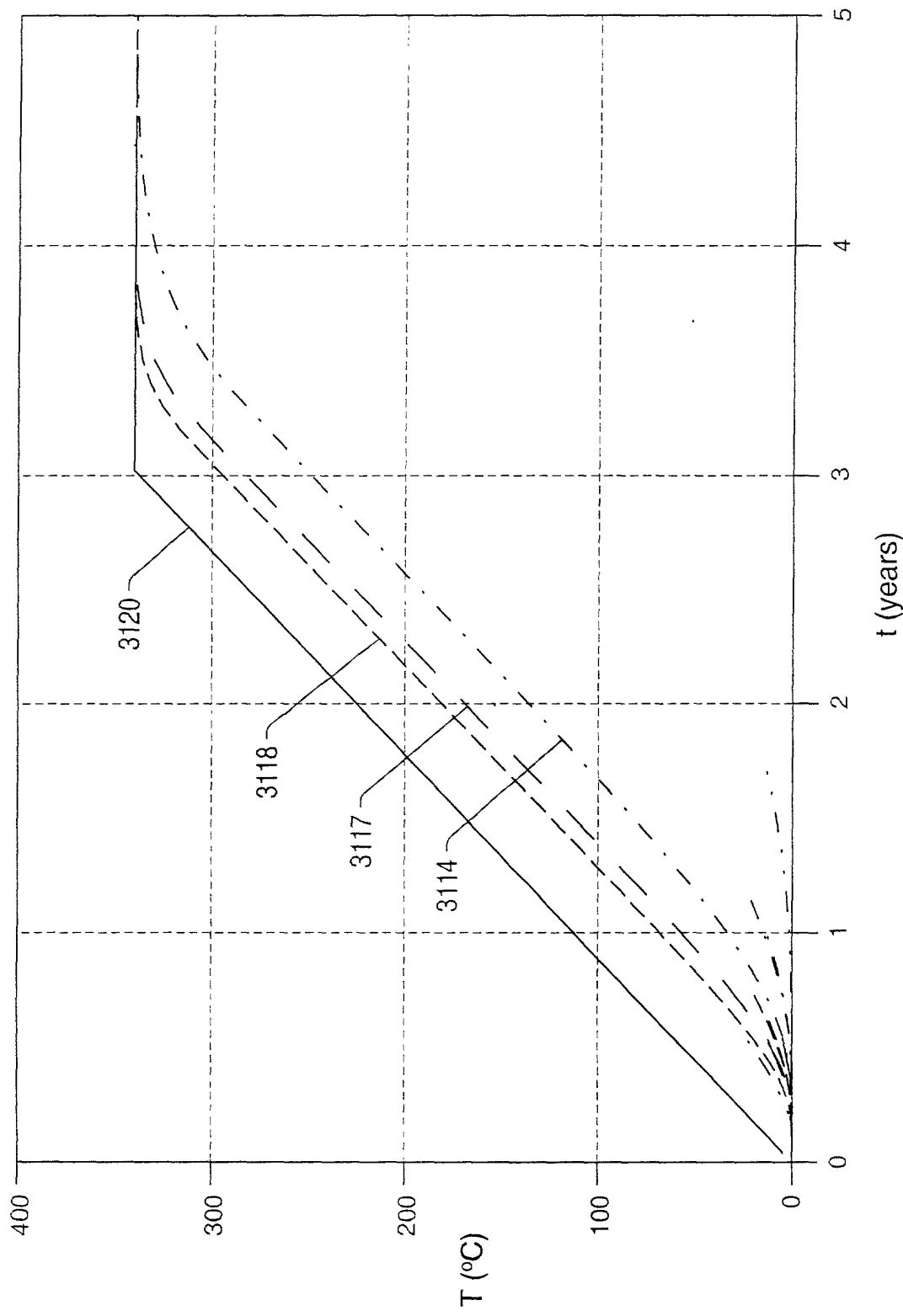


FIG. 82

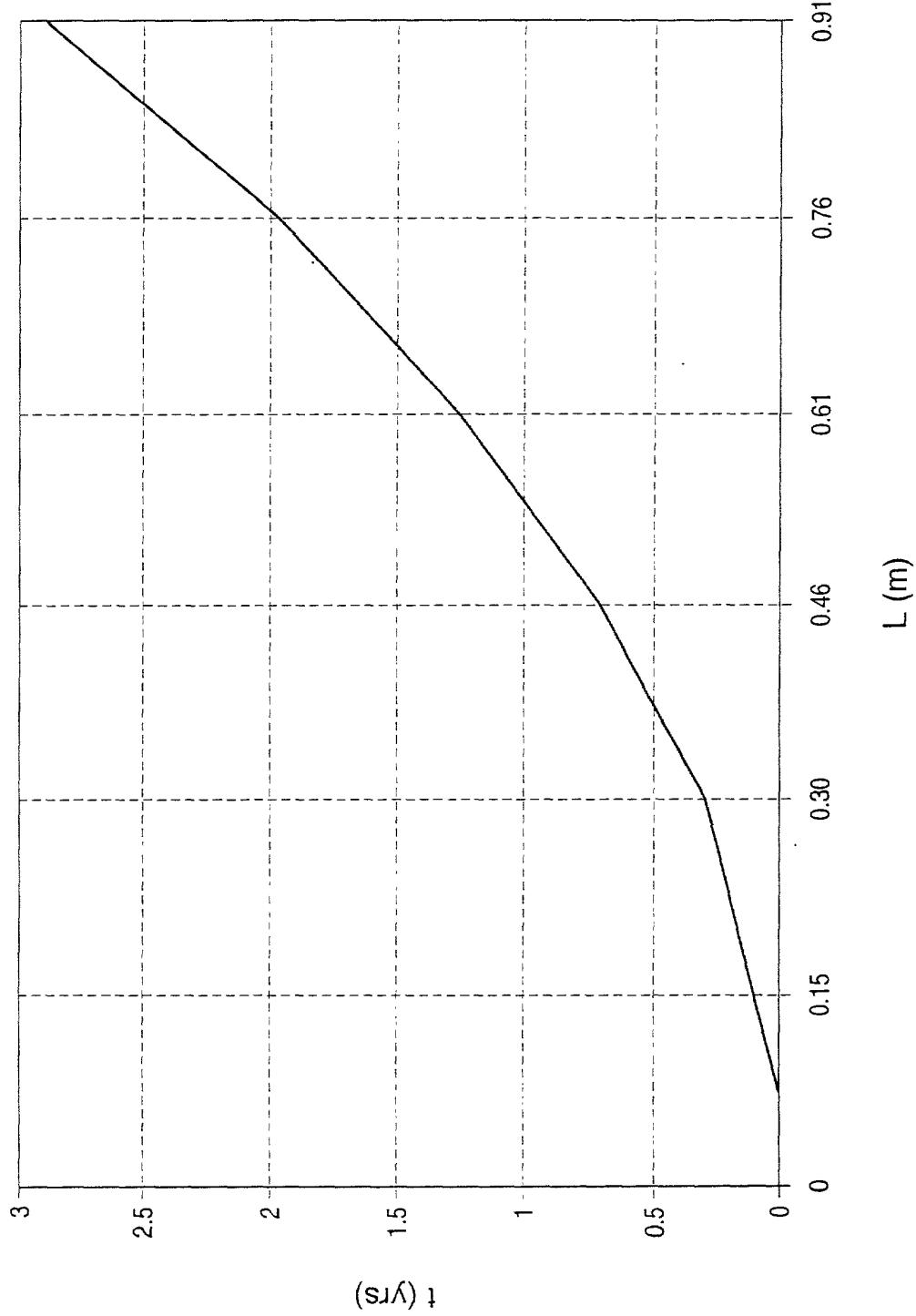


FIG. 83

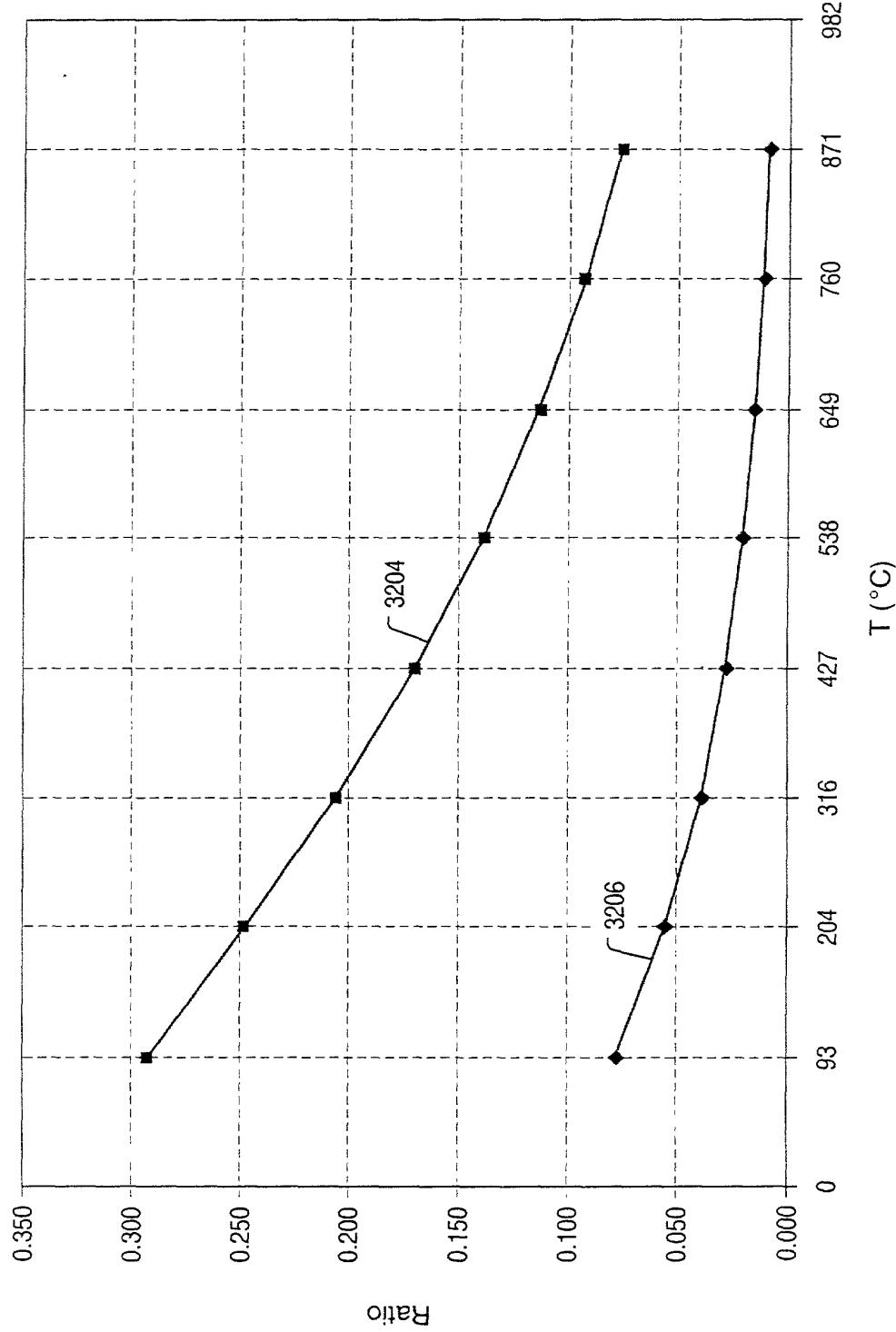
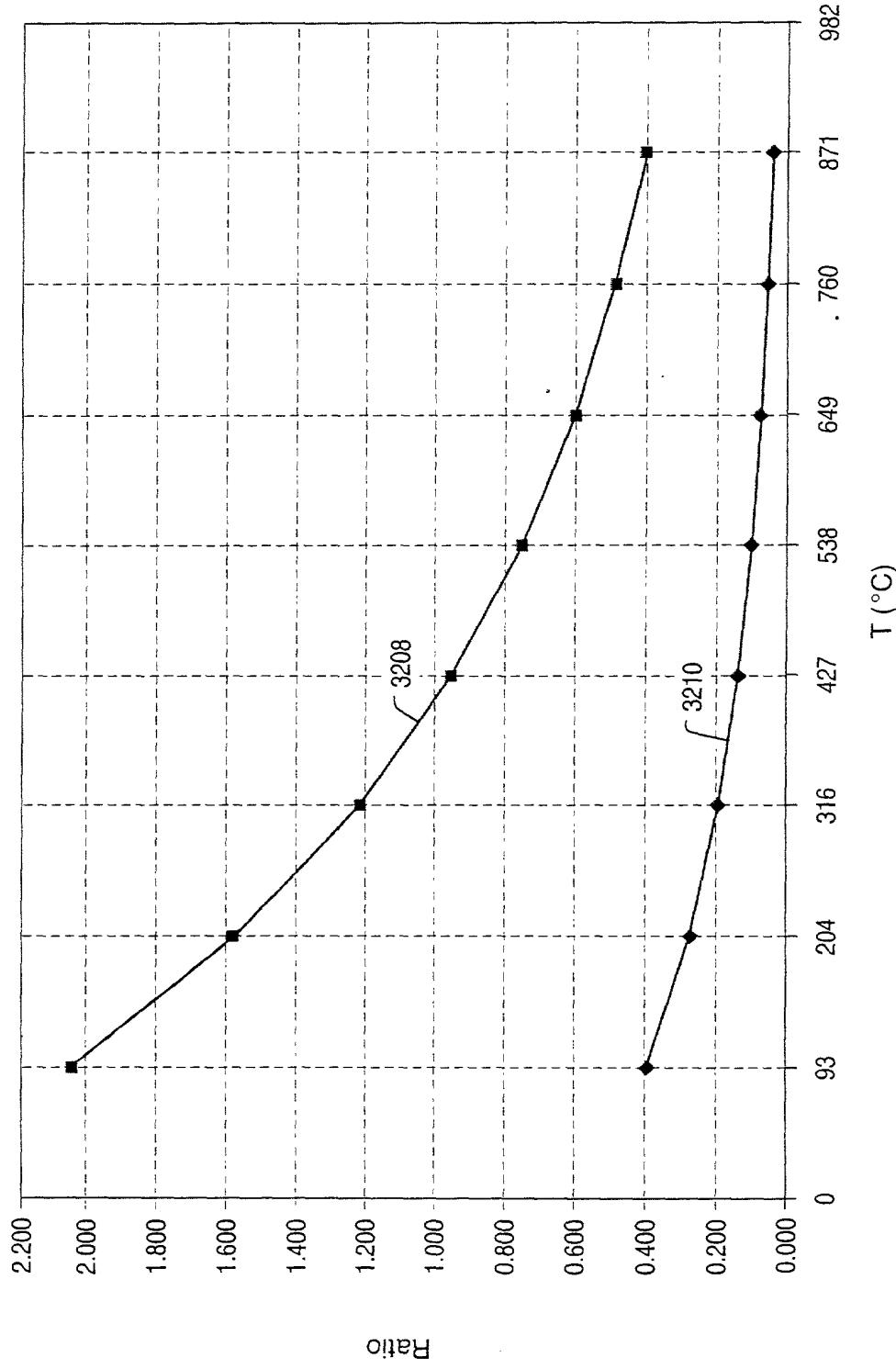


FIG. 84



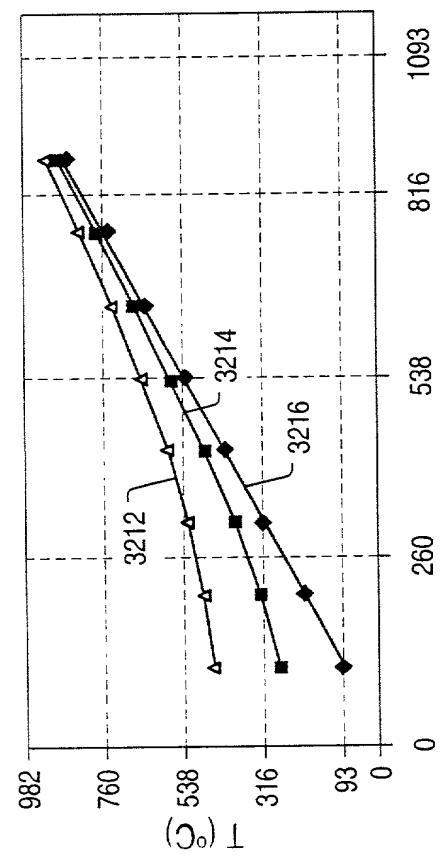


FIG. 85

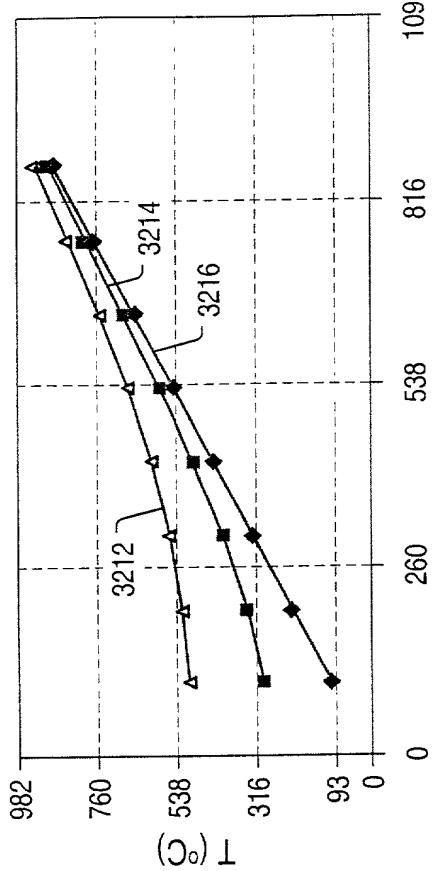


FIG. 86

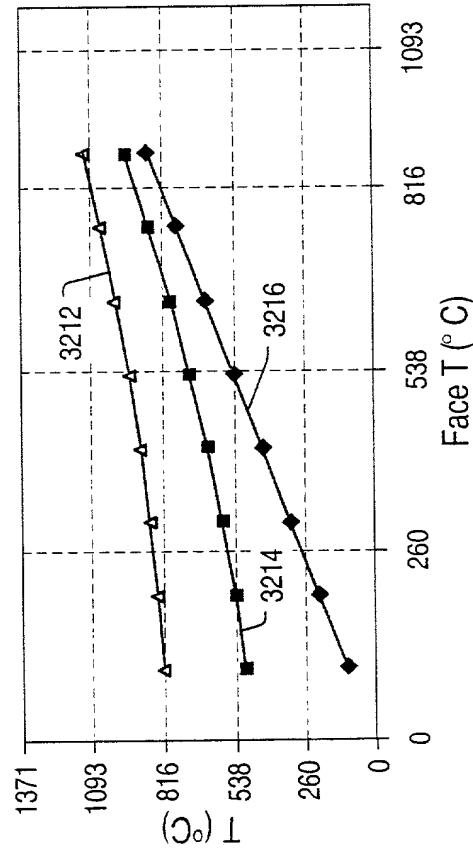


FIG. 87

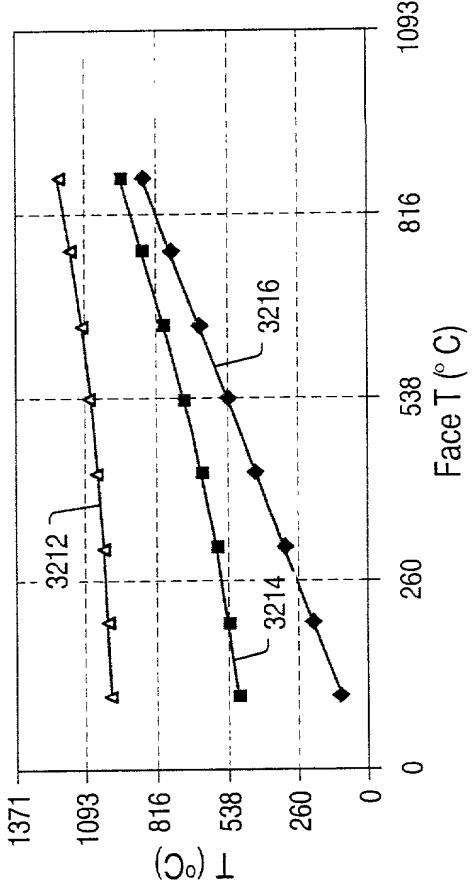


FIG. 88

FIG. 89

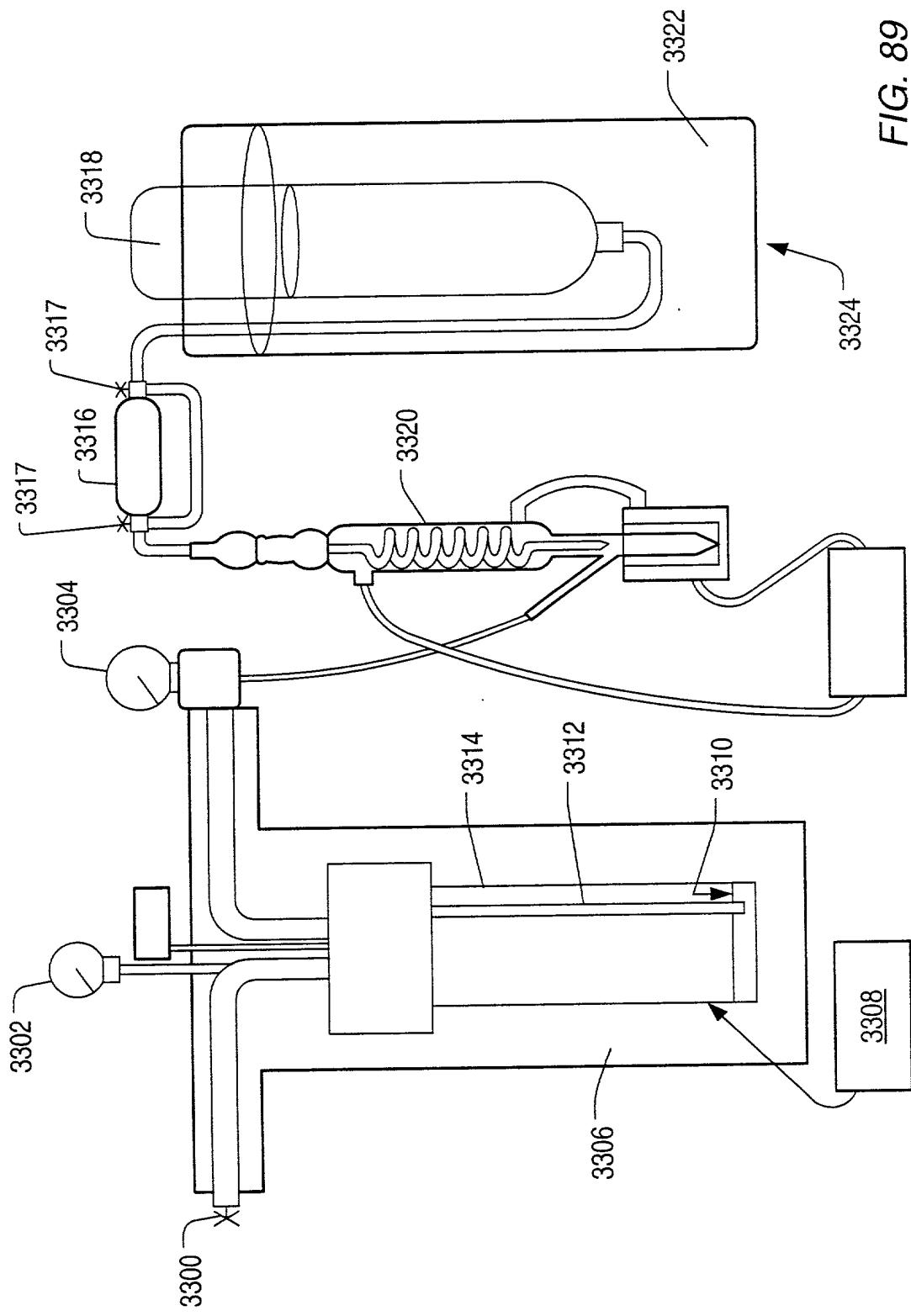
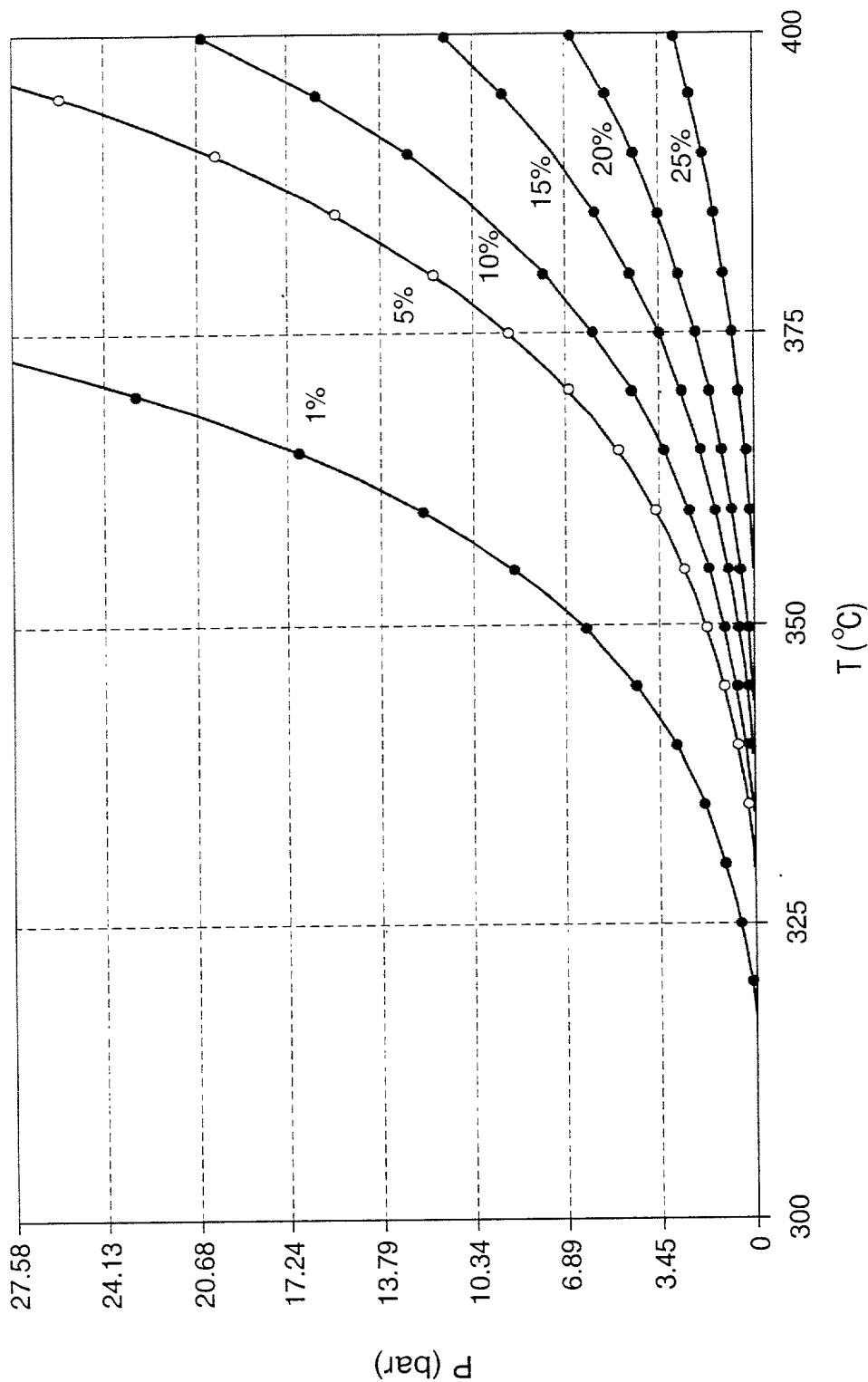


FIG. 90



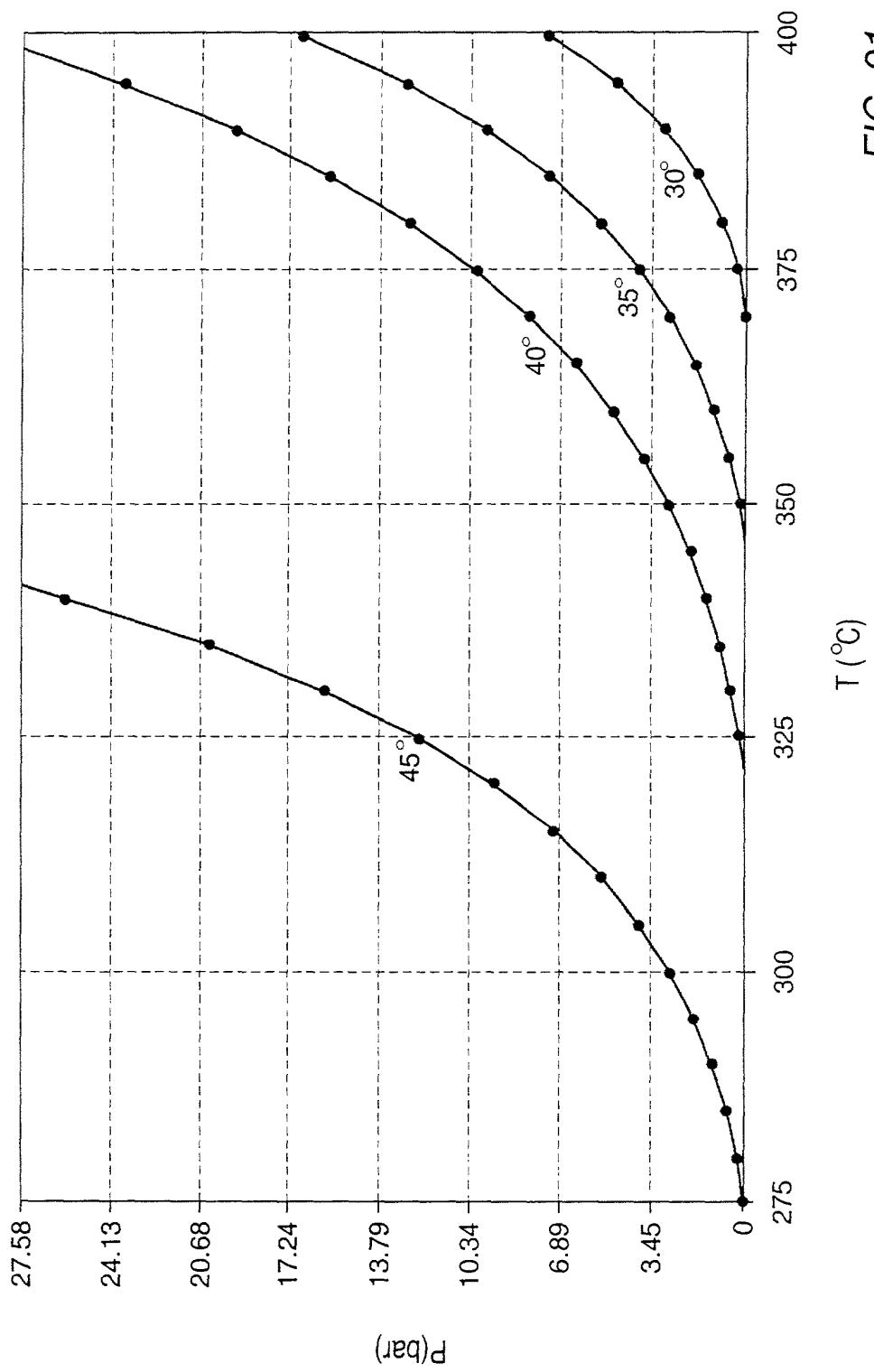


FIG. 91

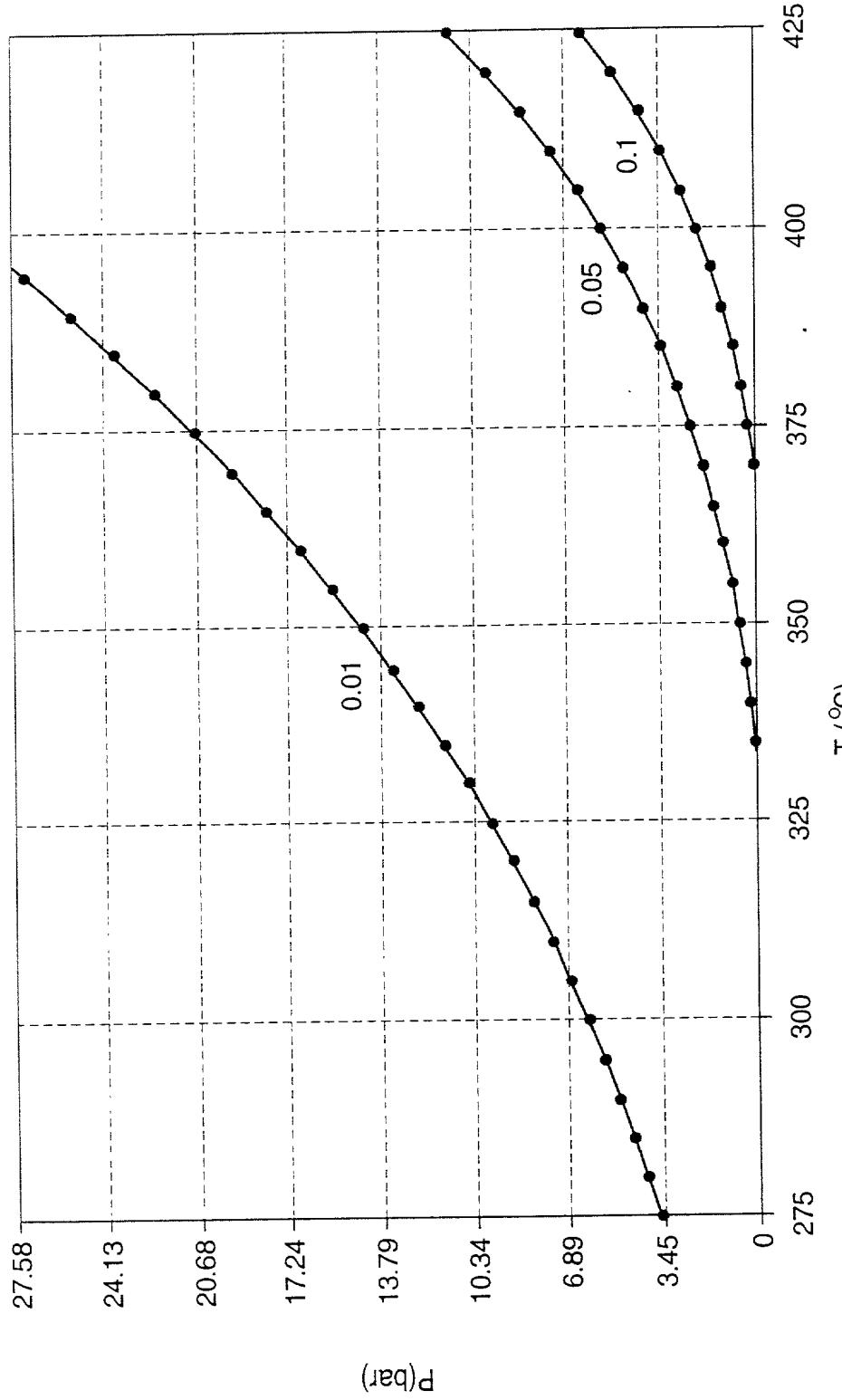


FIG. 92

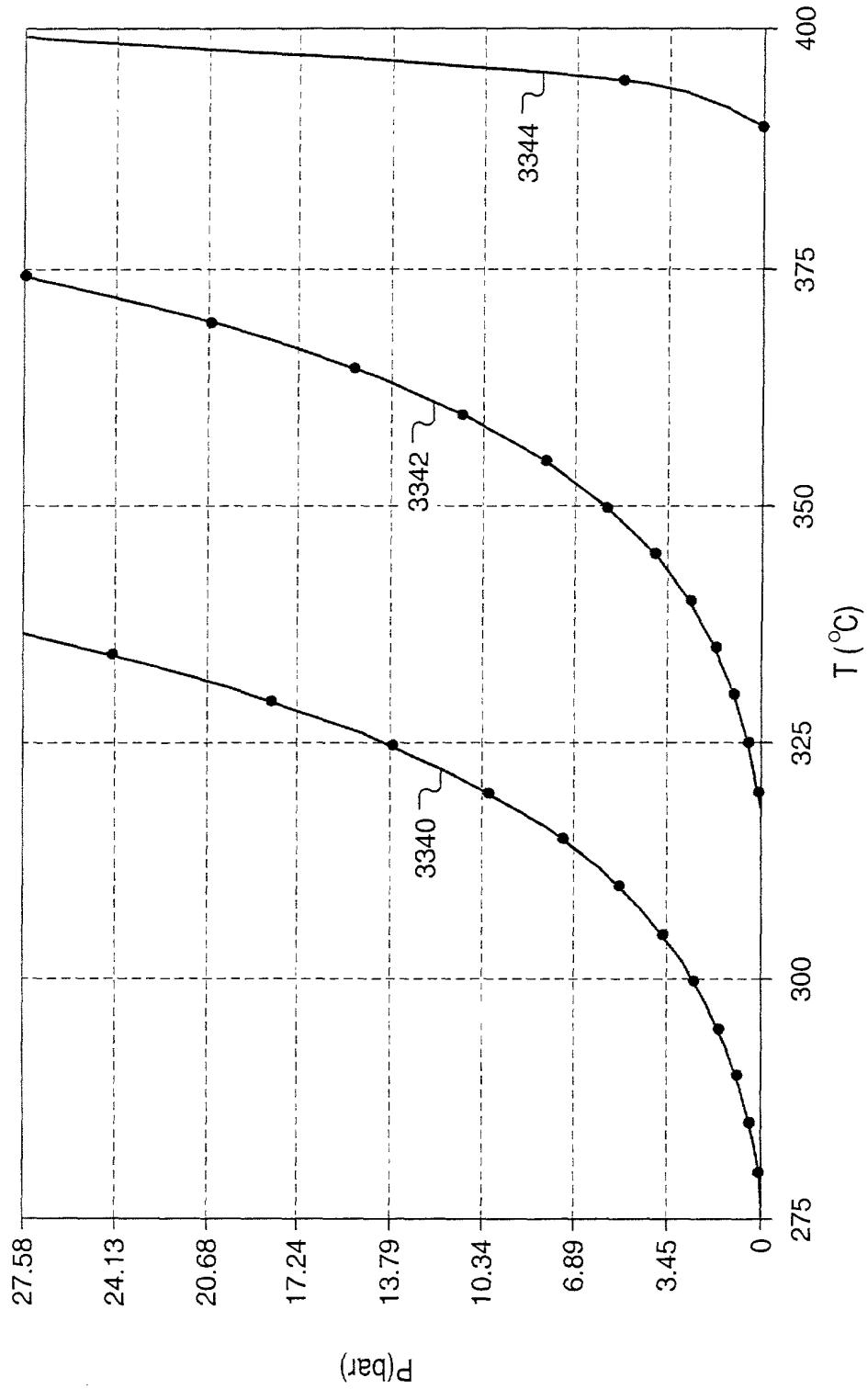


FIG. 93

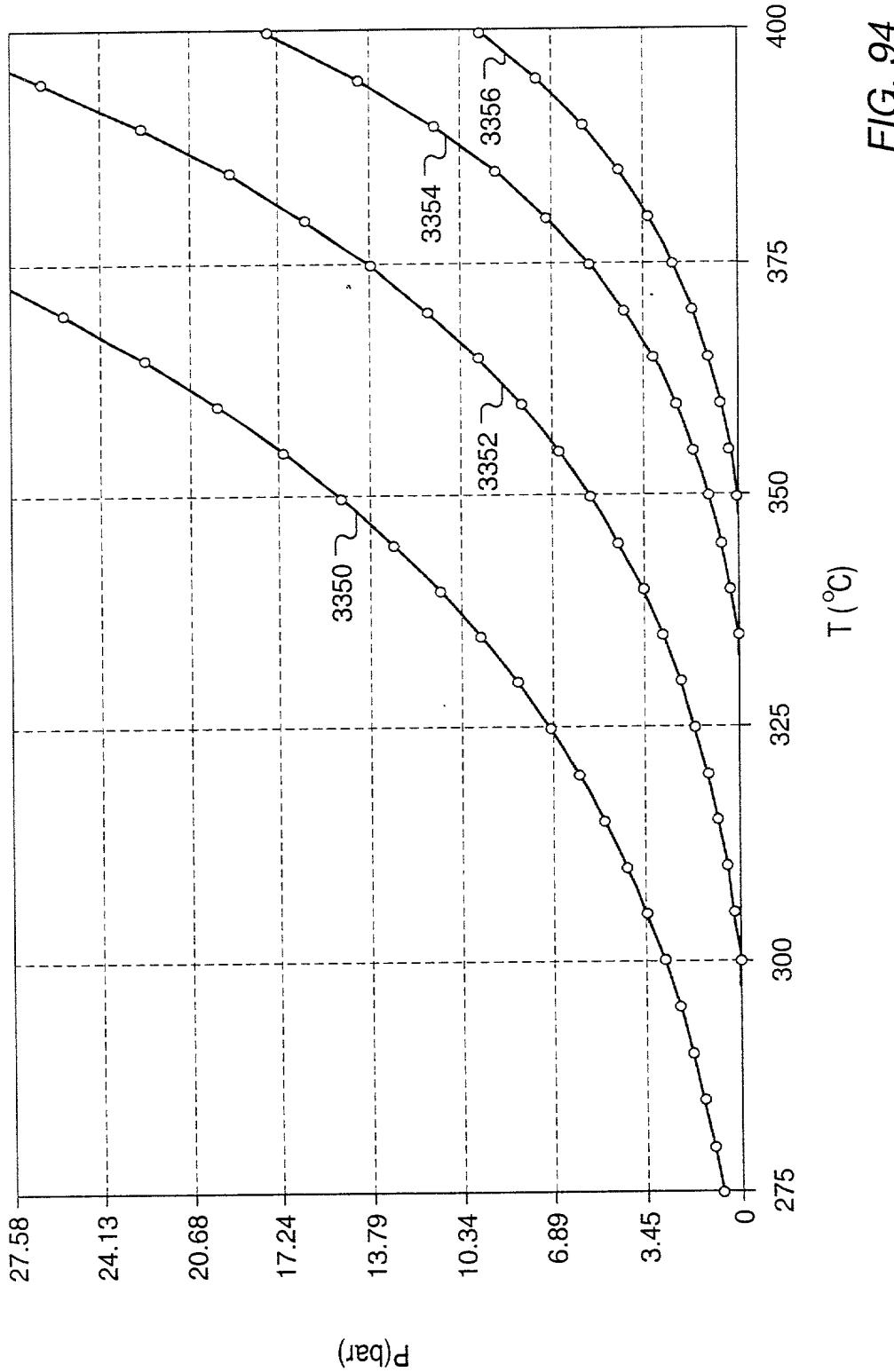
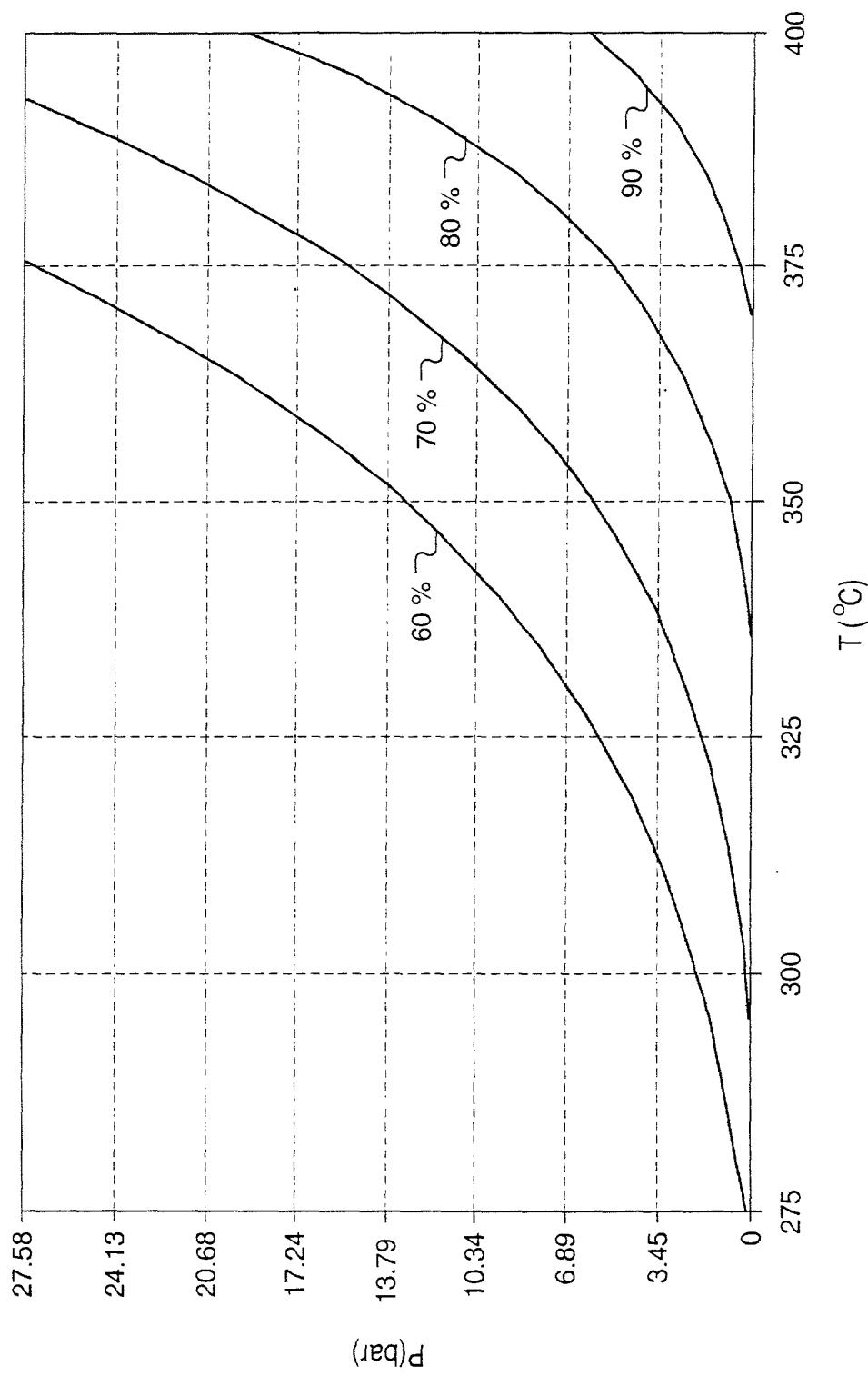


FIG. 95



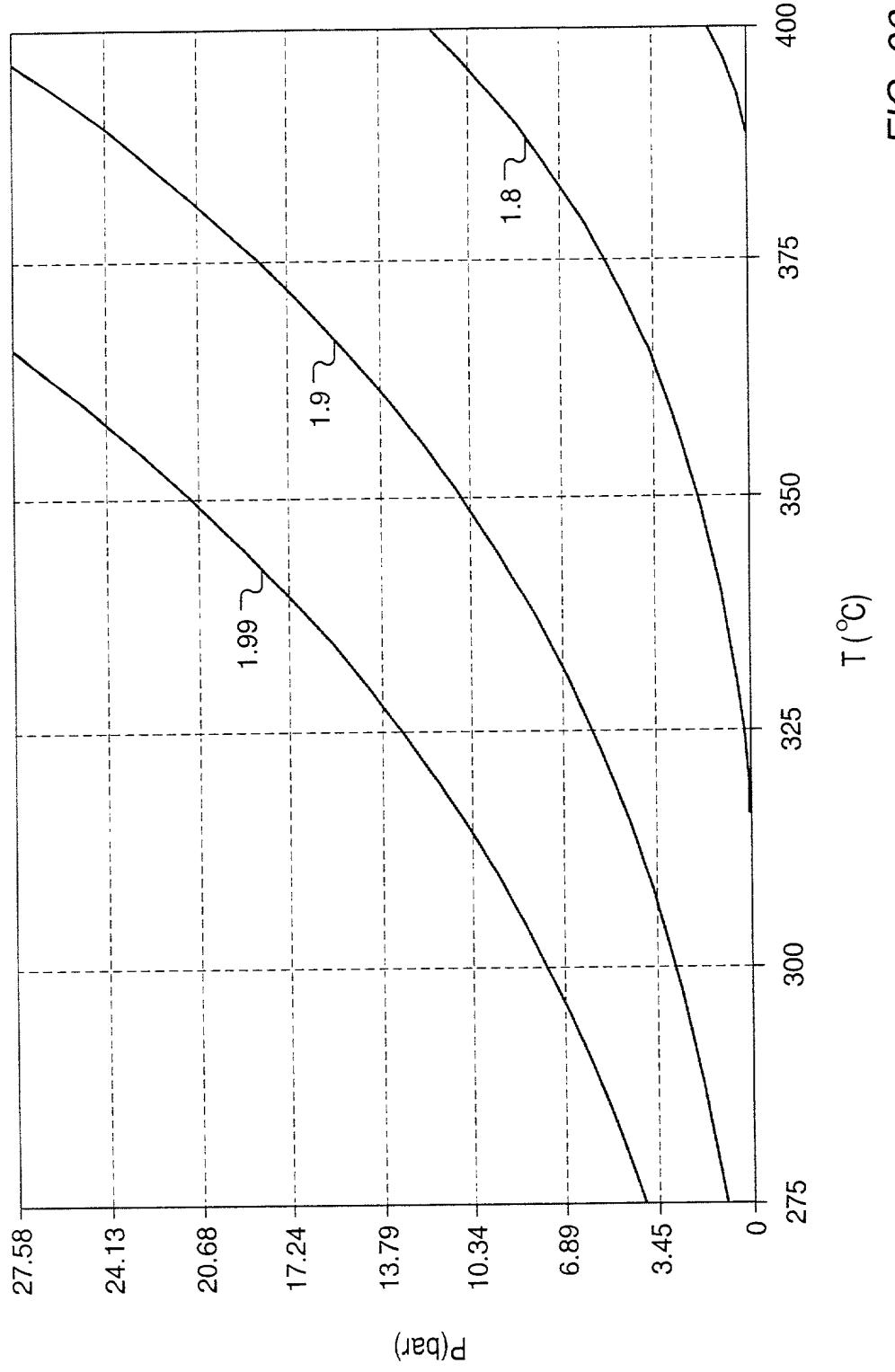


FIG. 96

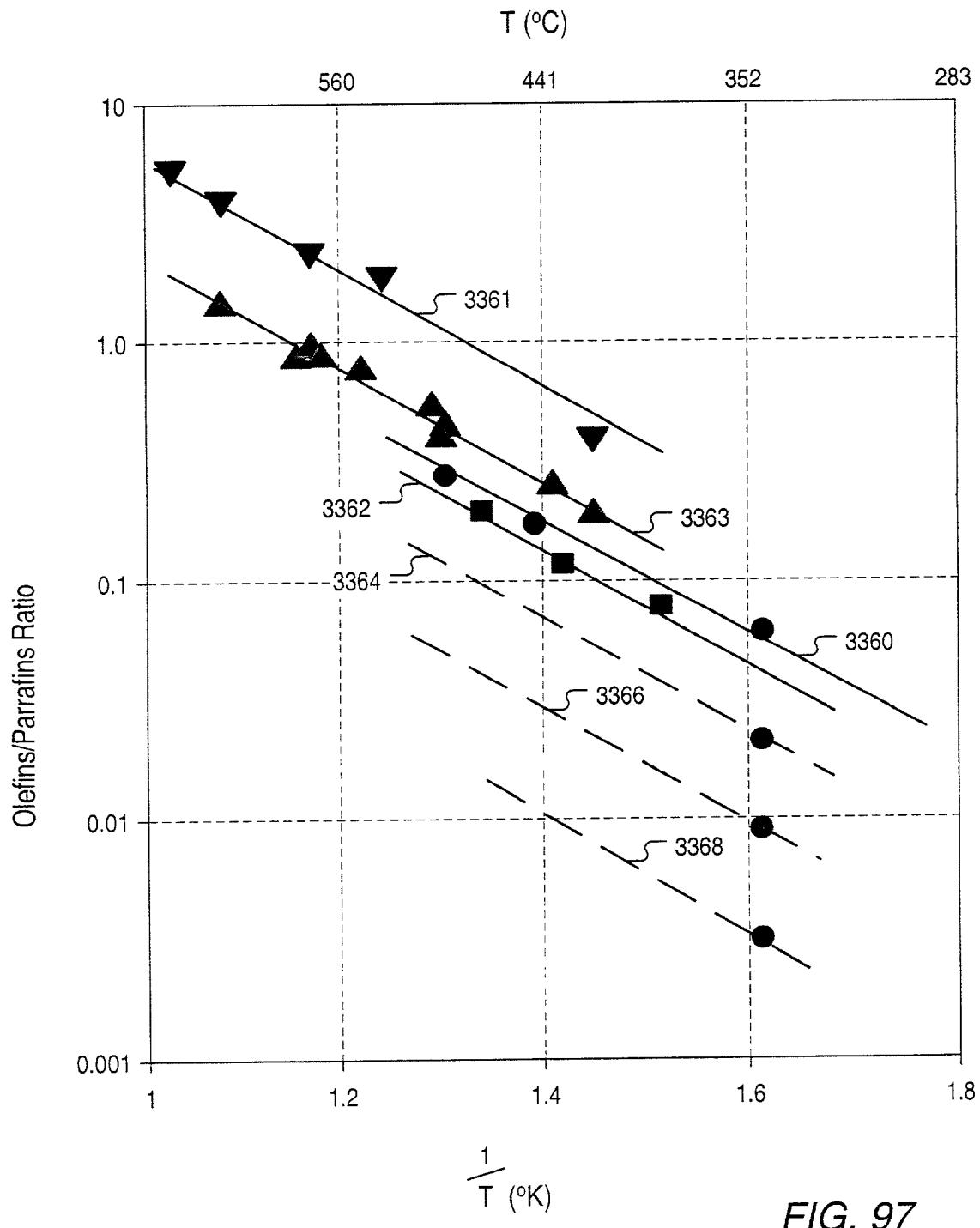


FIG. 97

FIG. 98

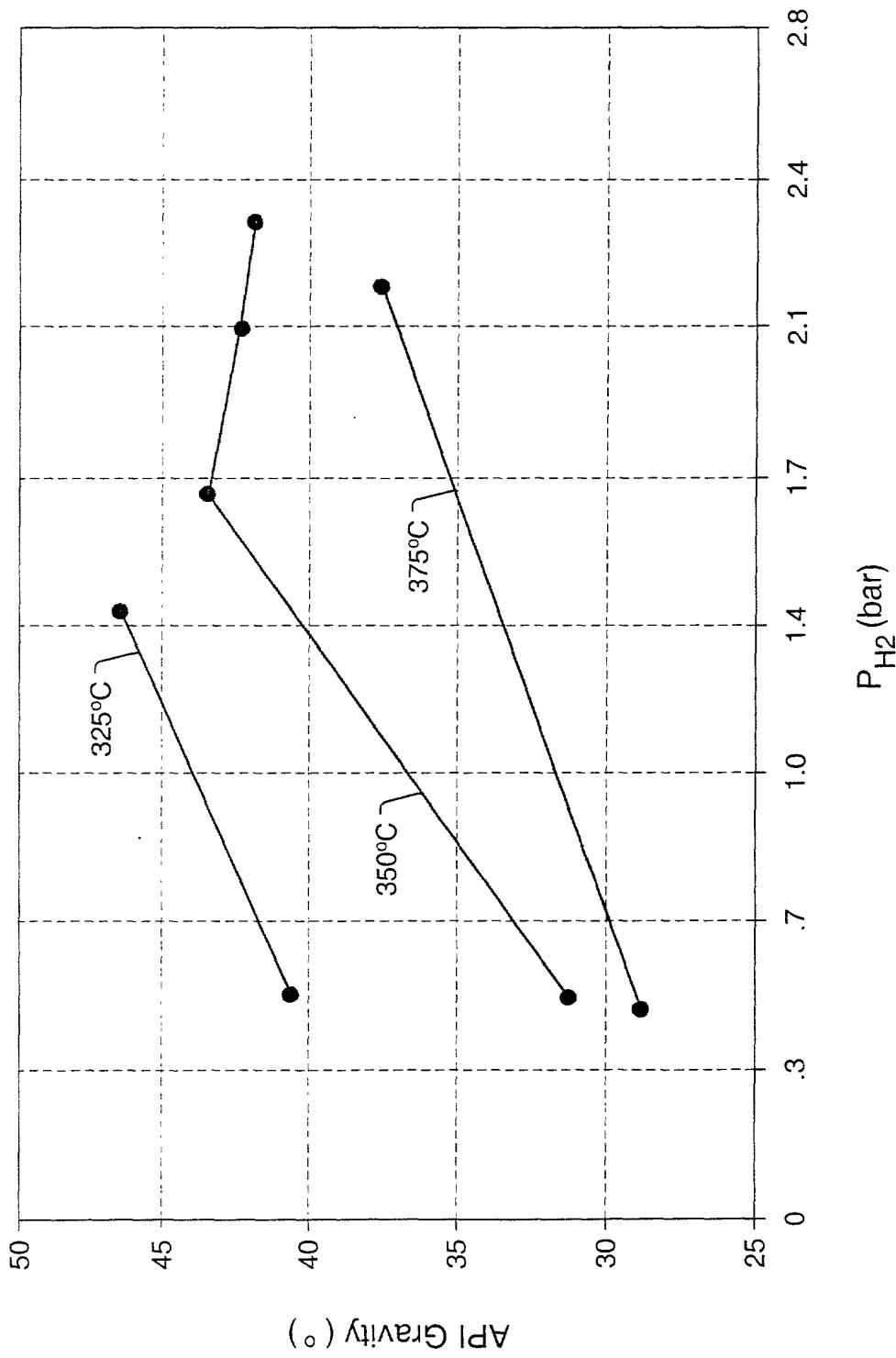
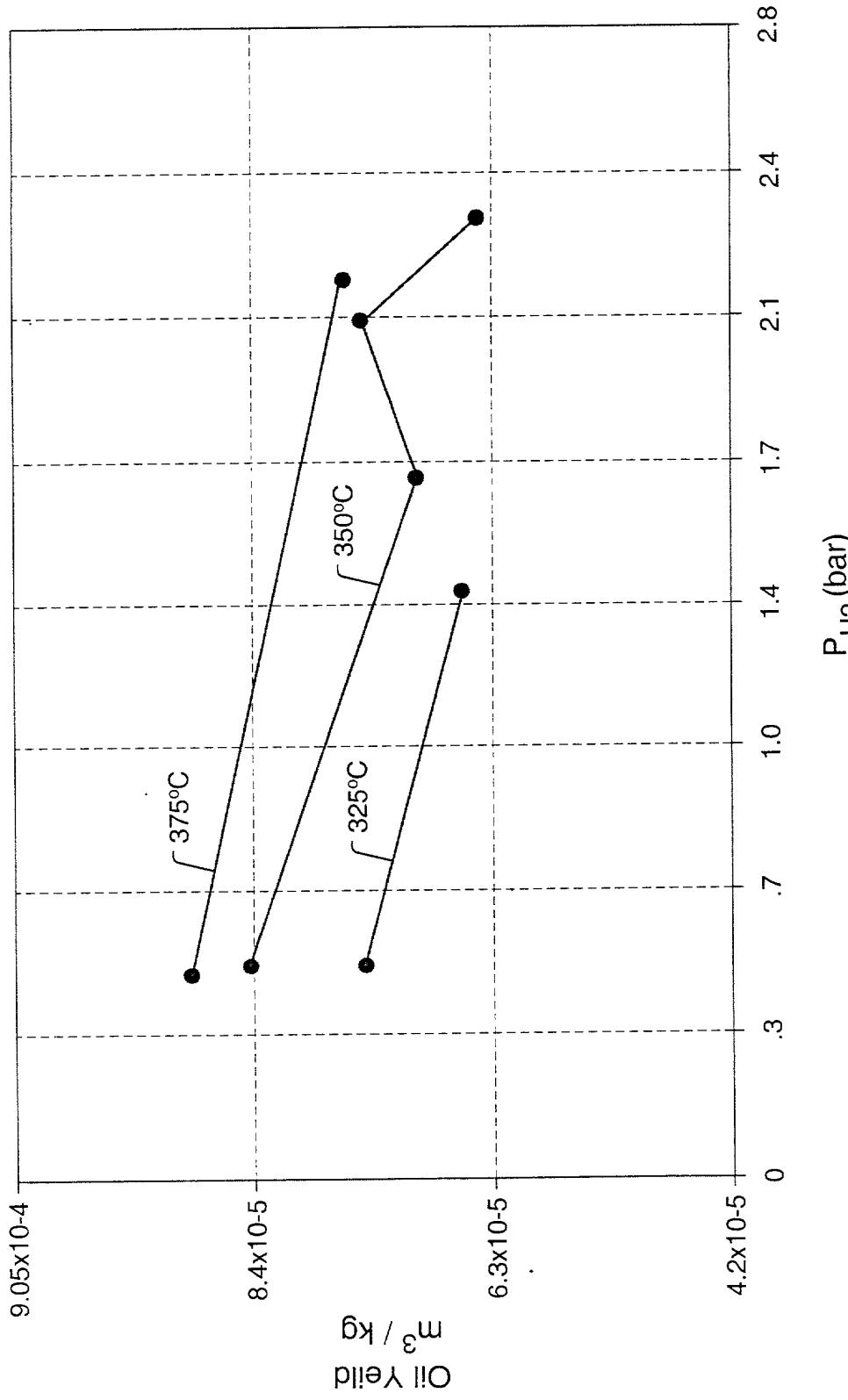


FIG. 99



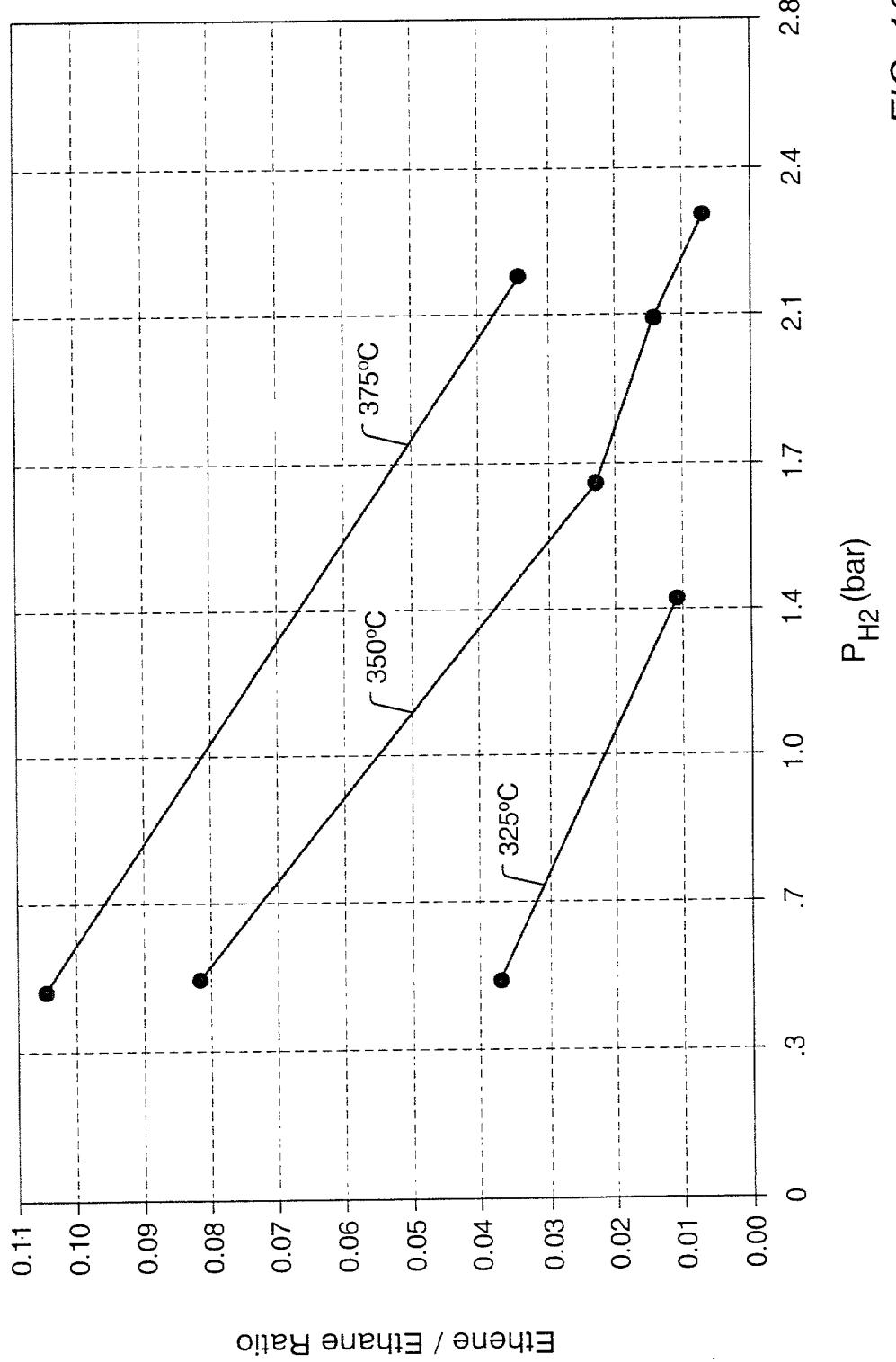


FIG. 100

FIG. 101

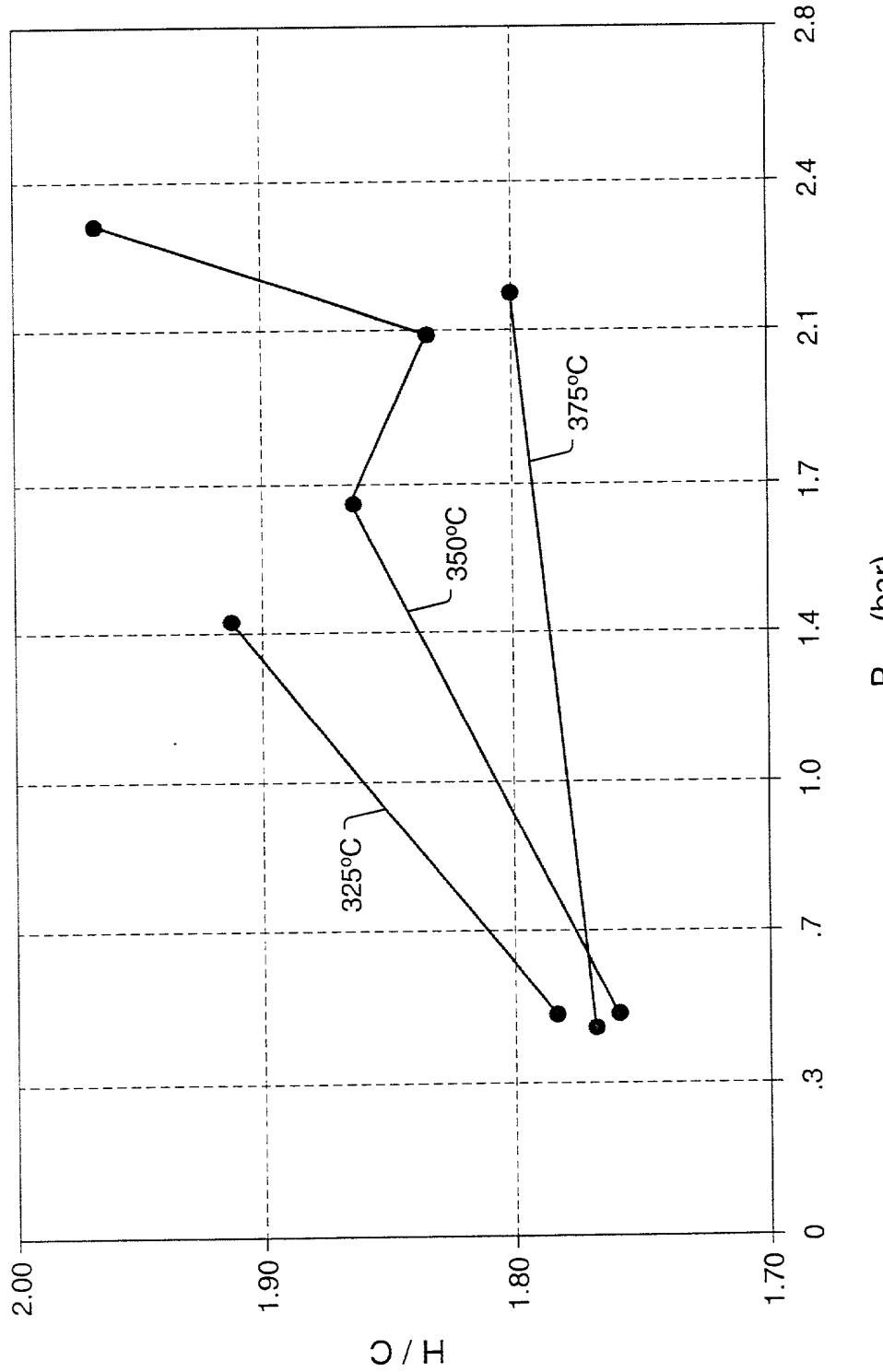


FIG. 102

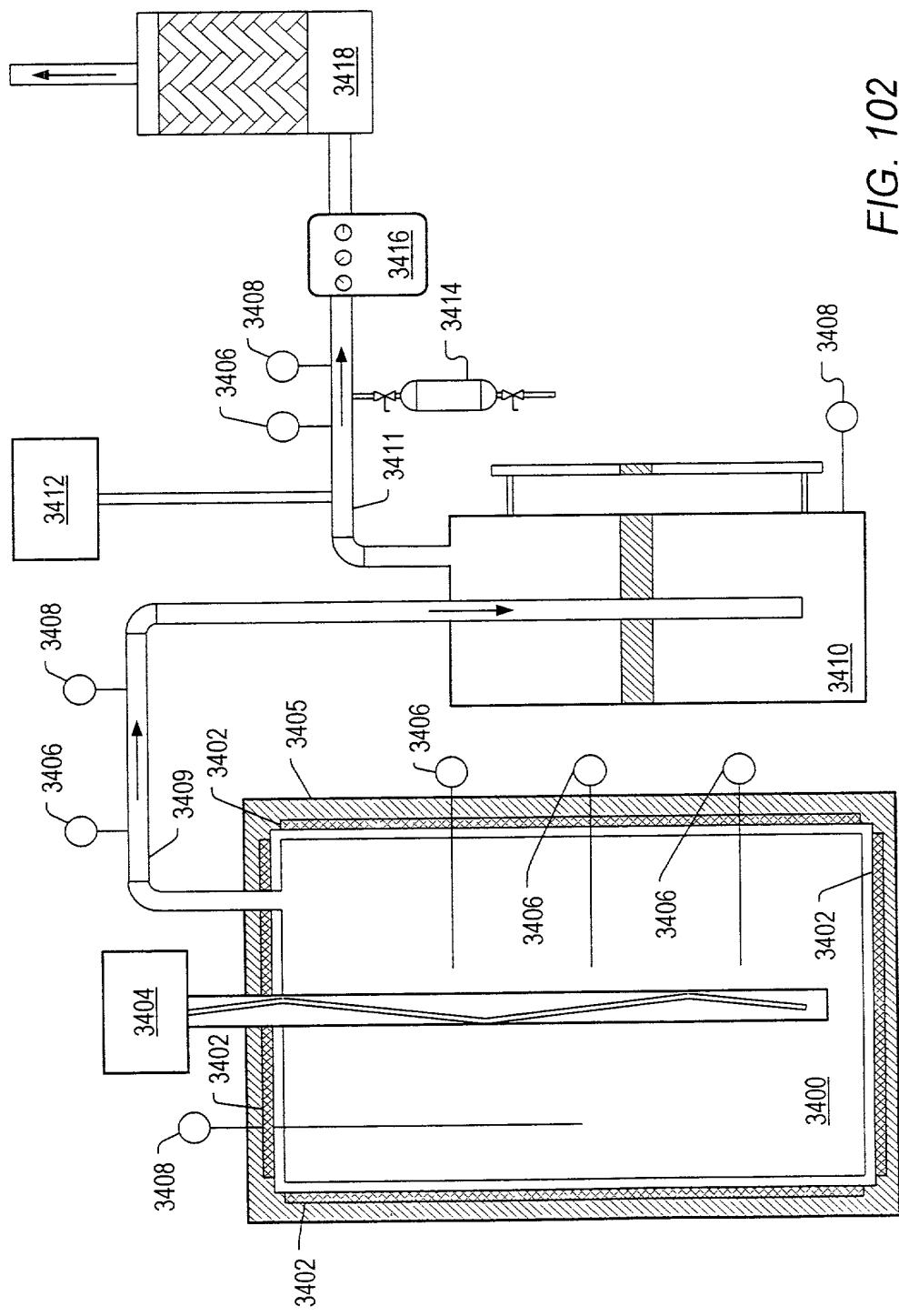
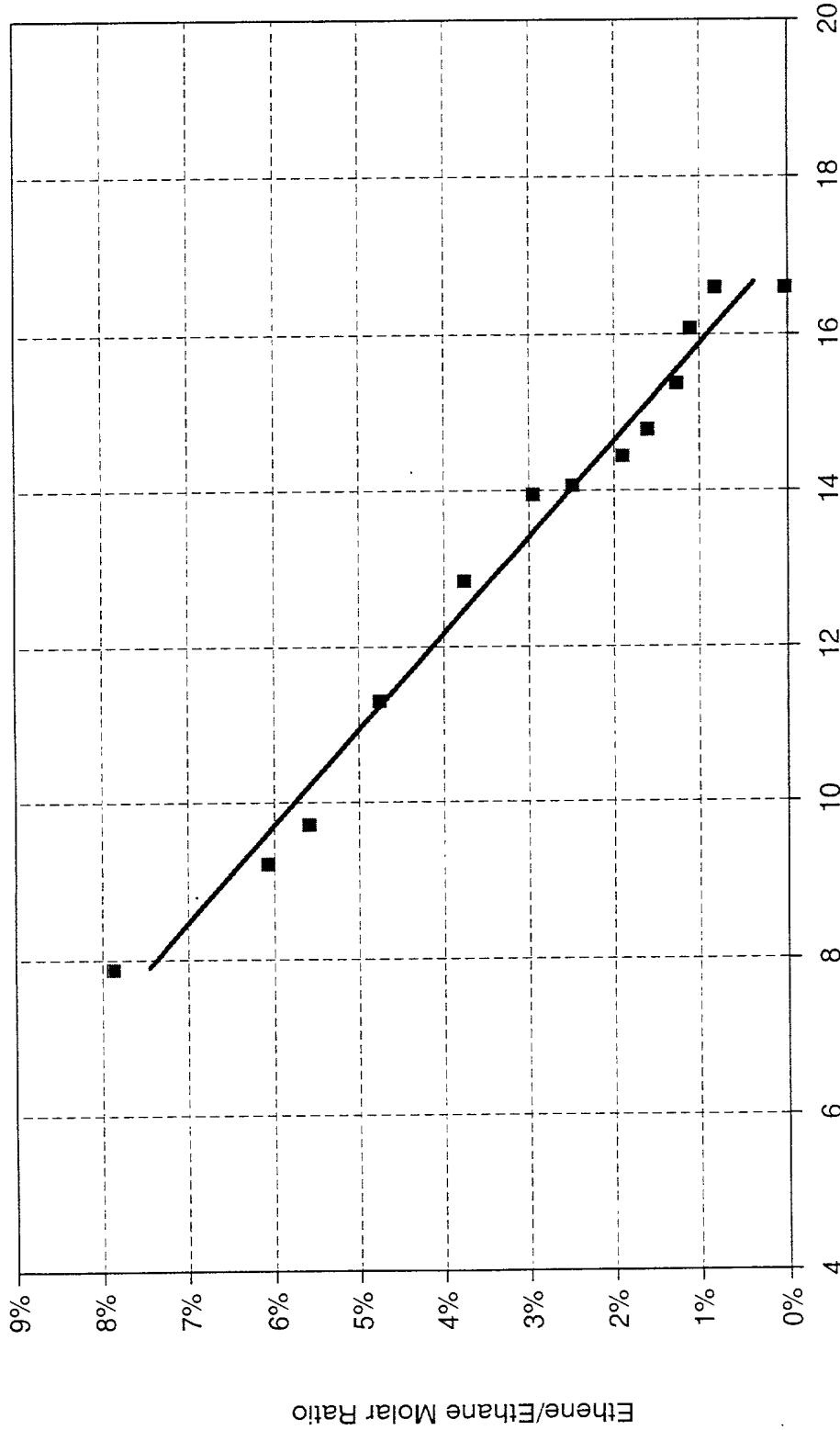
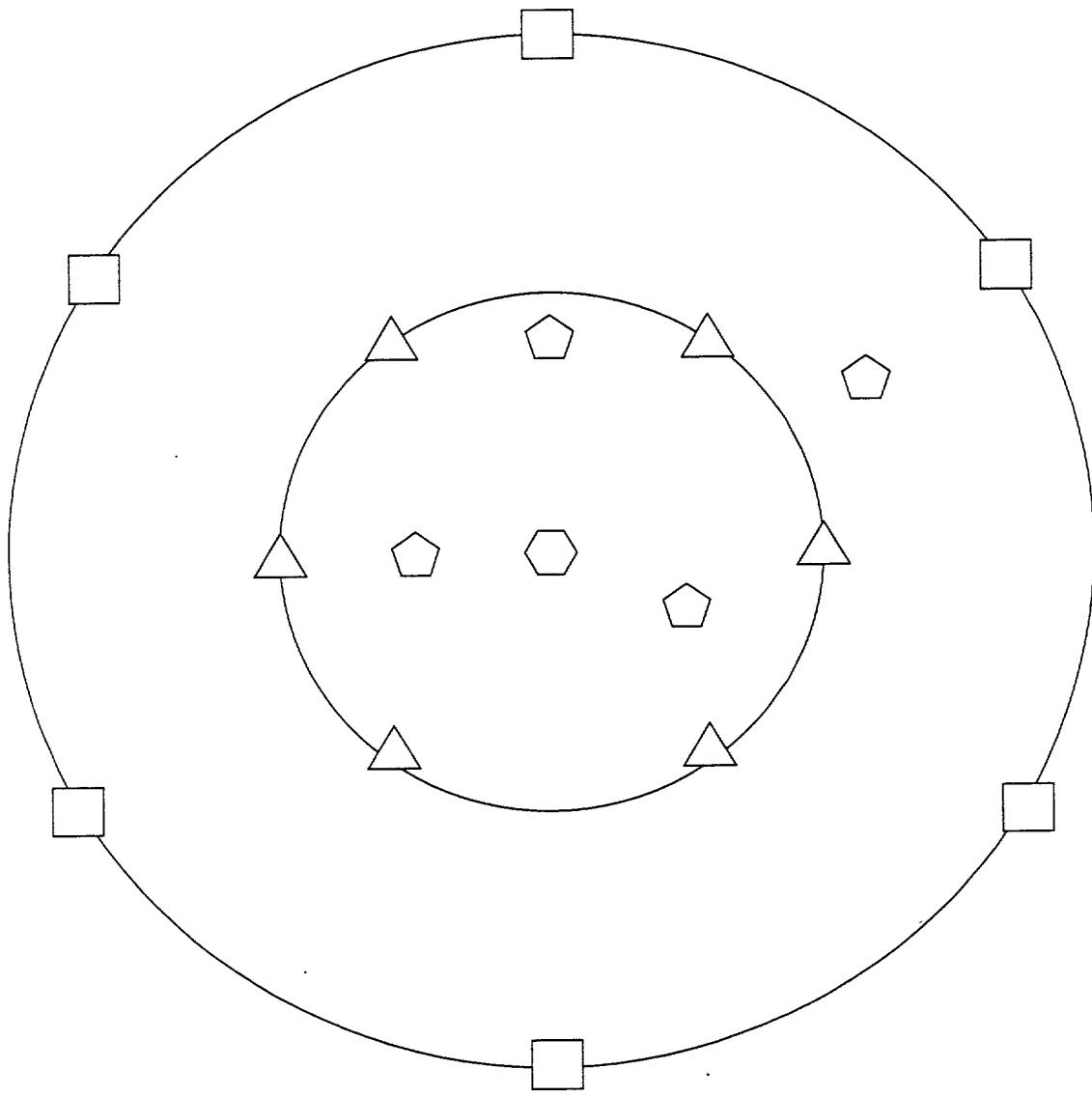


FIG. 103
H₂ Concentration (mol%)





△ - 3600

◇ - 3603

□ - 3604

○ - 3602

FIG. 104

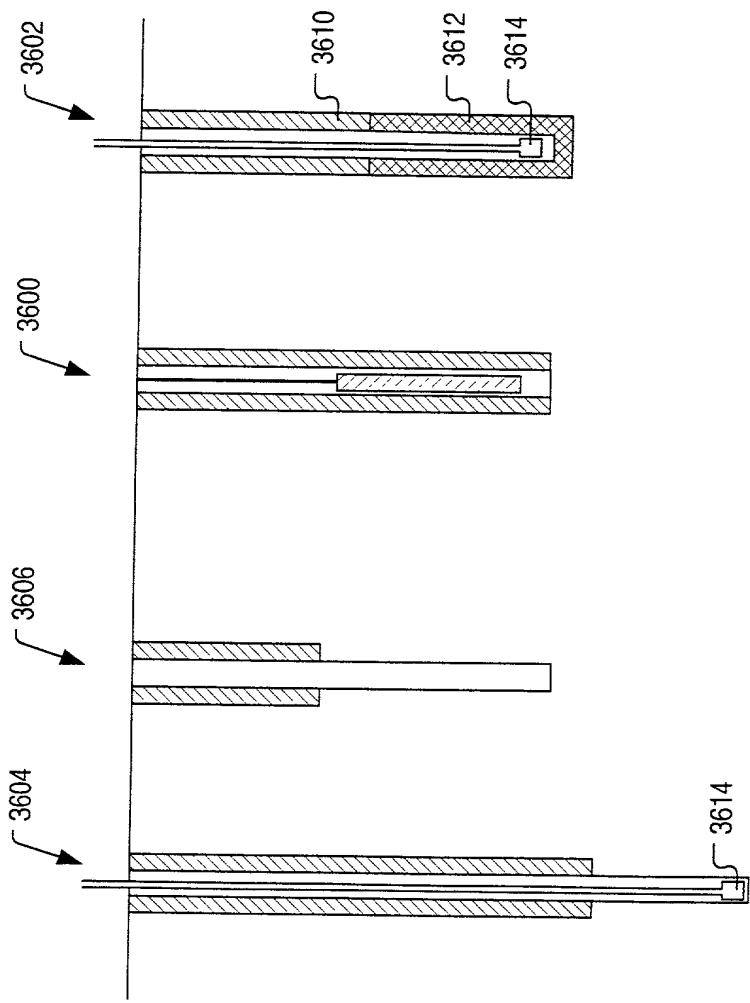


FIG. 105

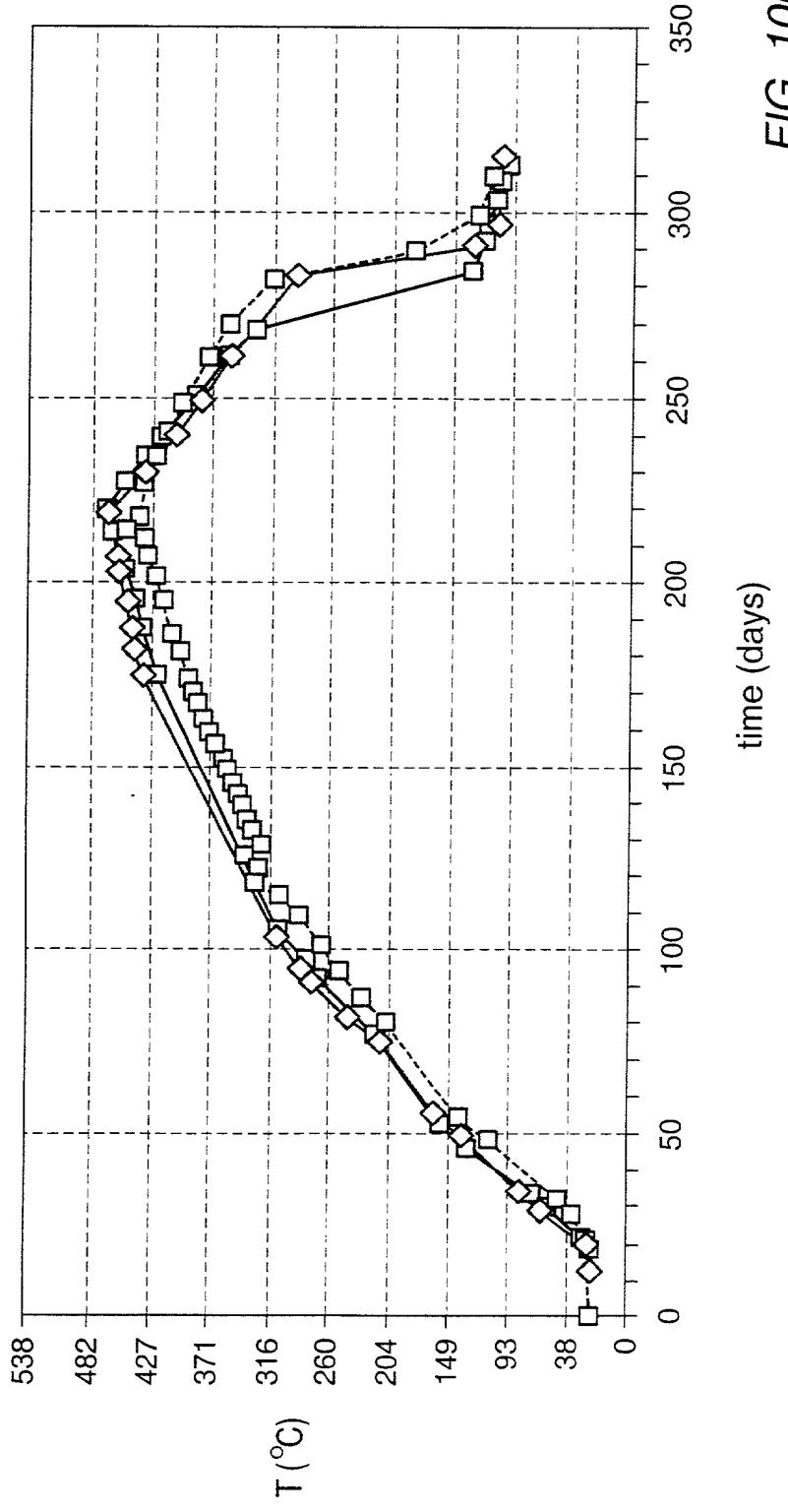


FIG. 106
time (days)

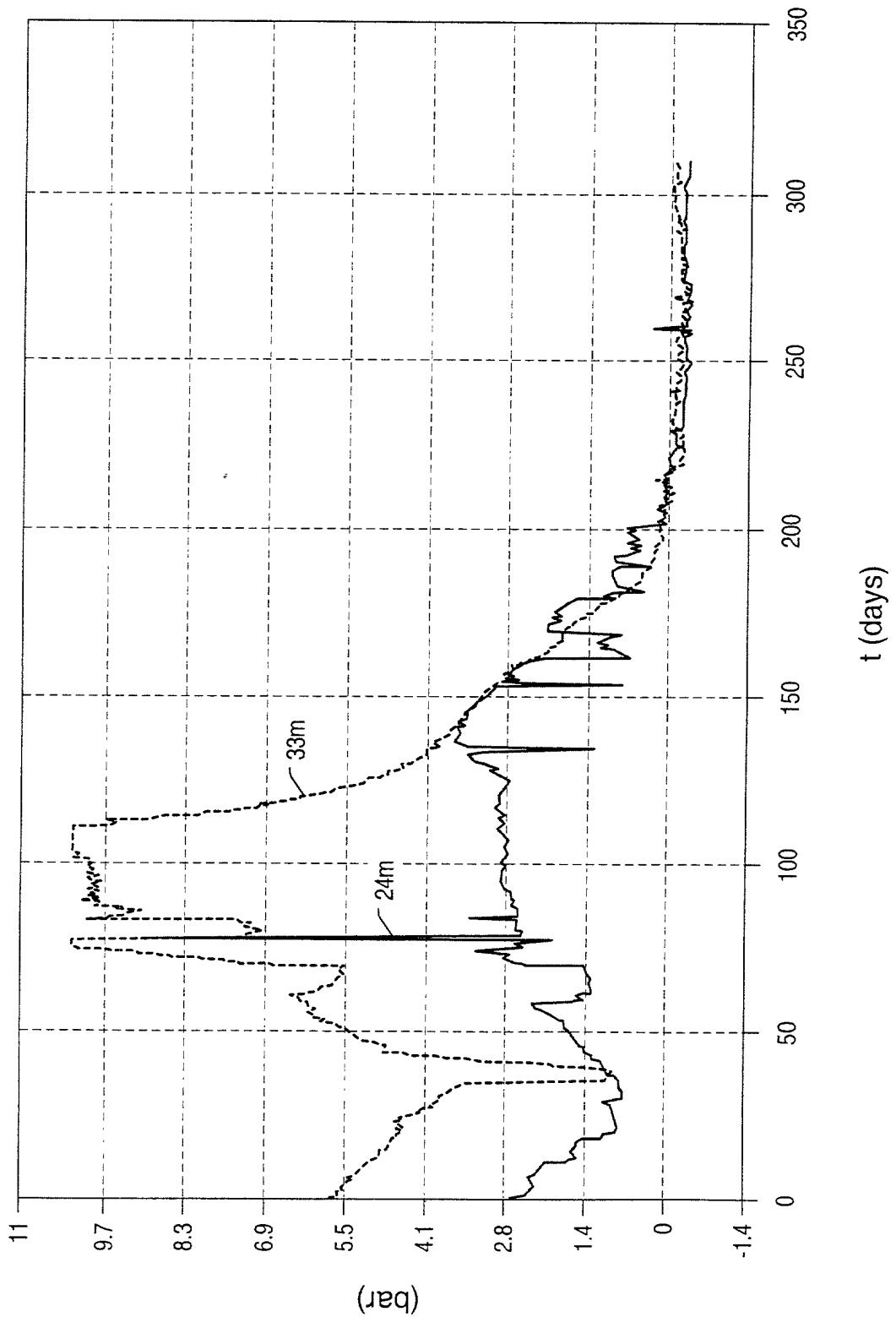


FIG. 107

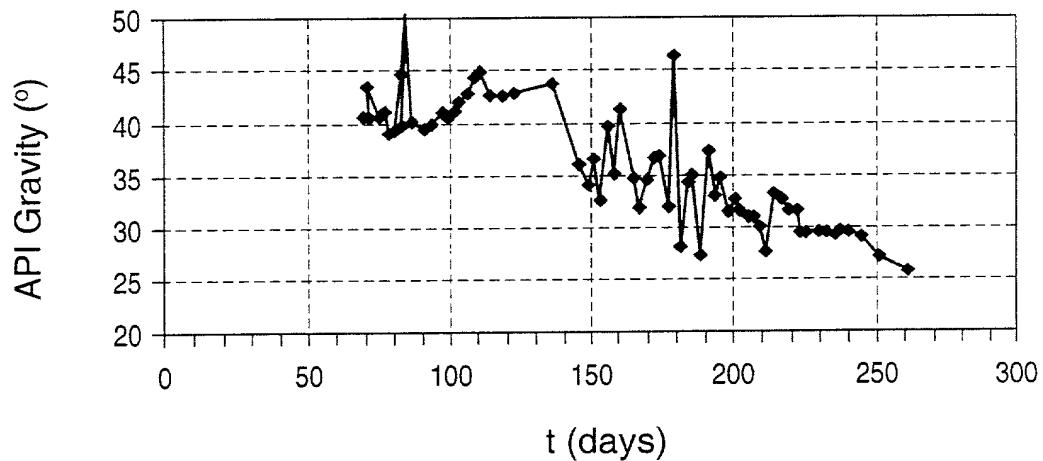


FIG. 108

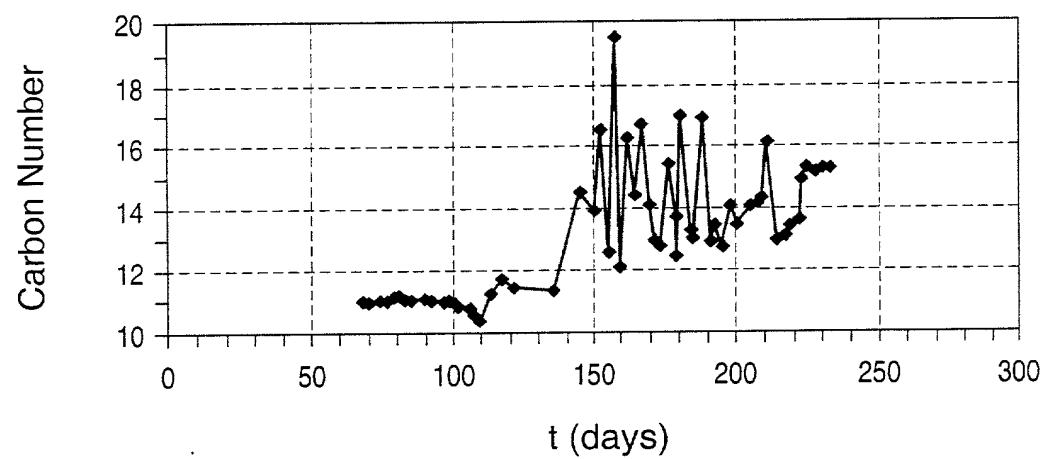


FIG. 109

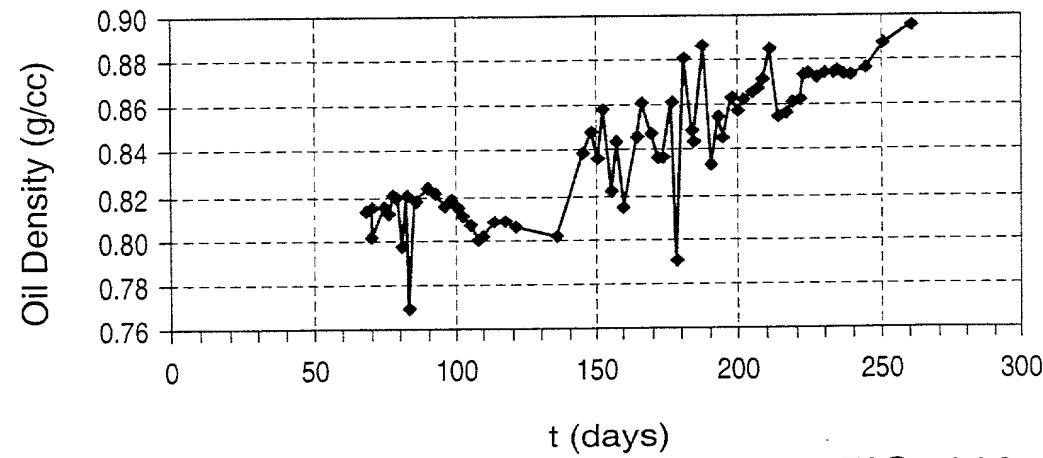
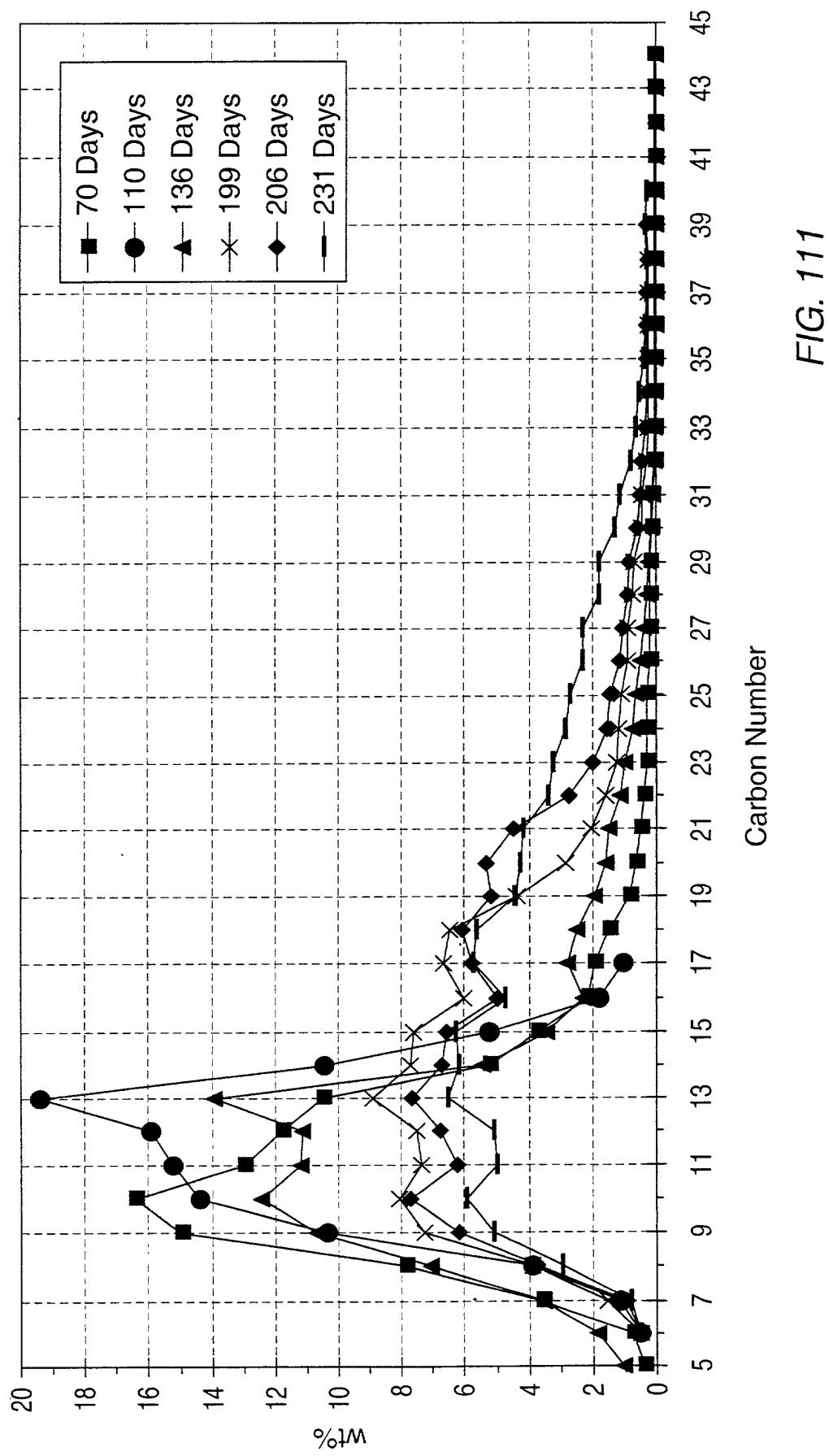


FIG. 110



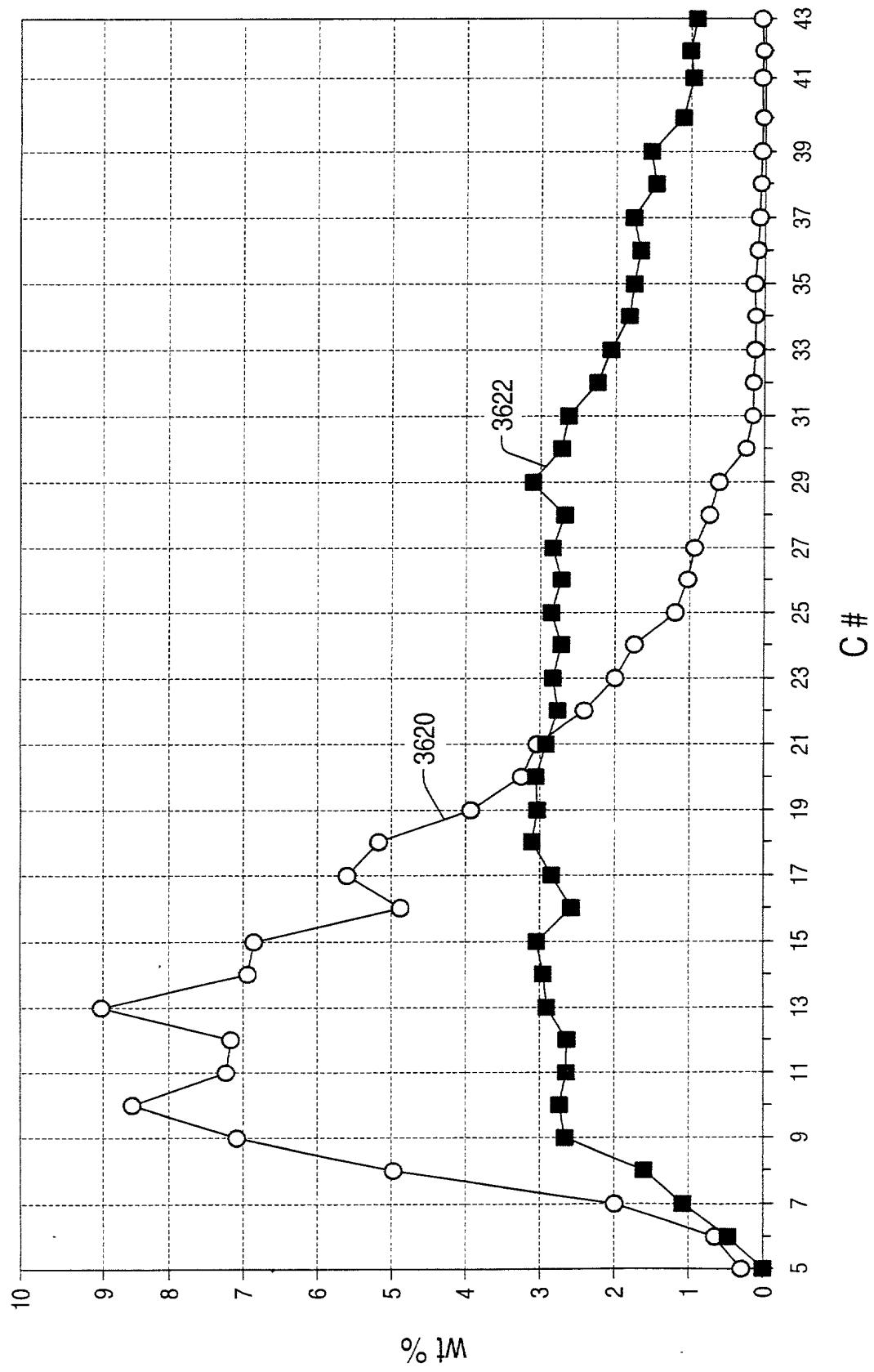


FIG. 112

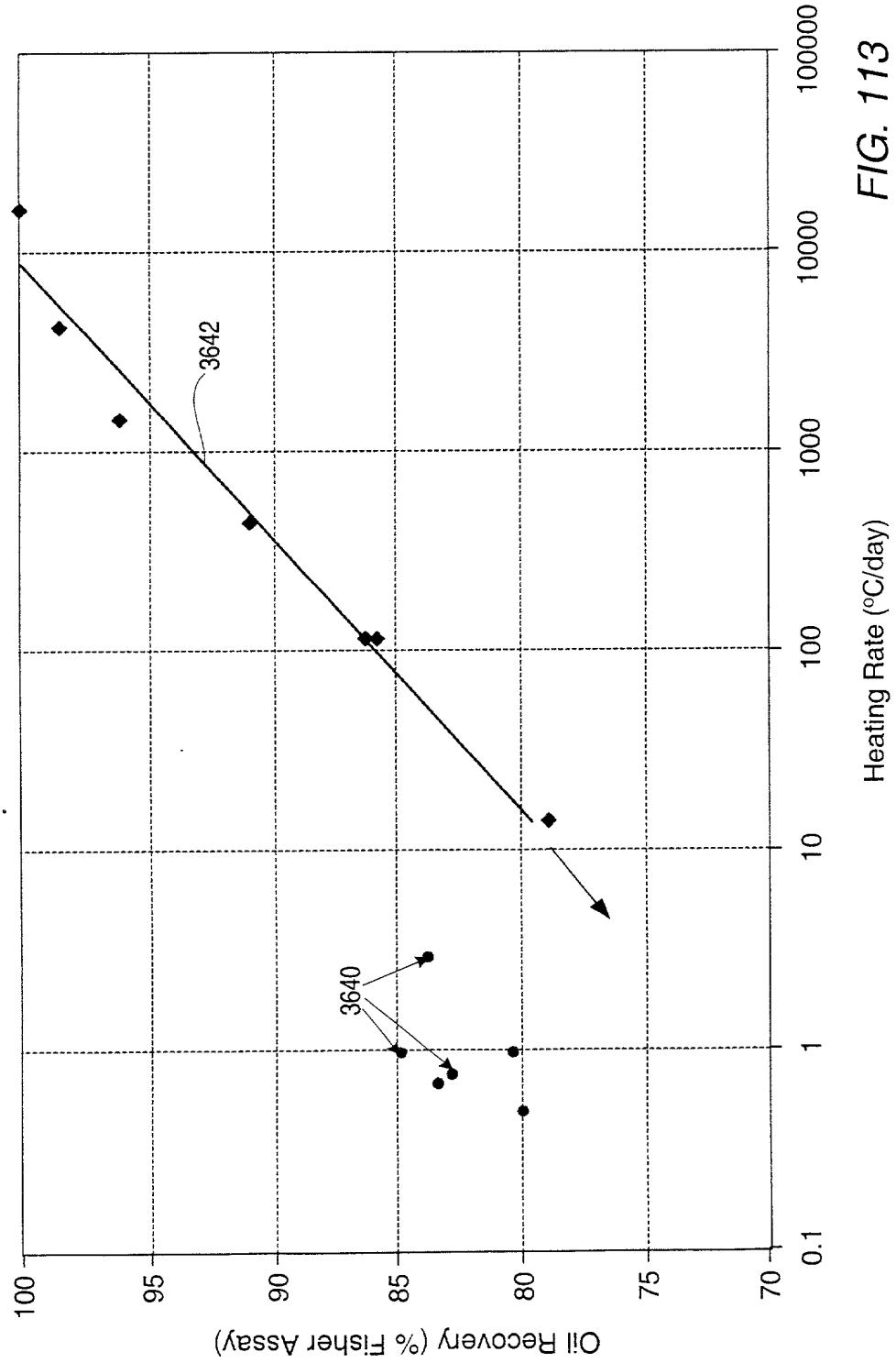
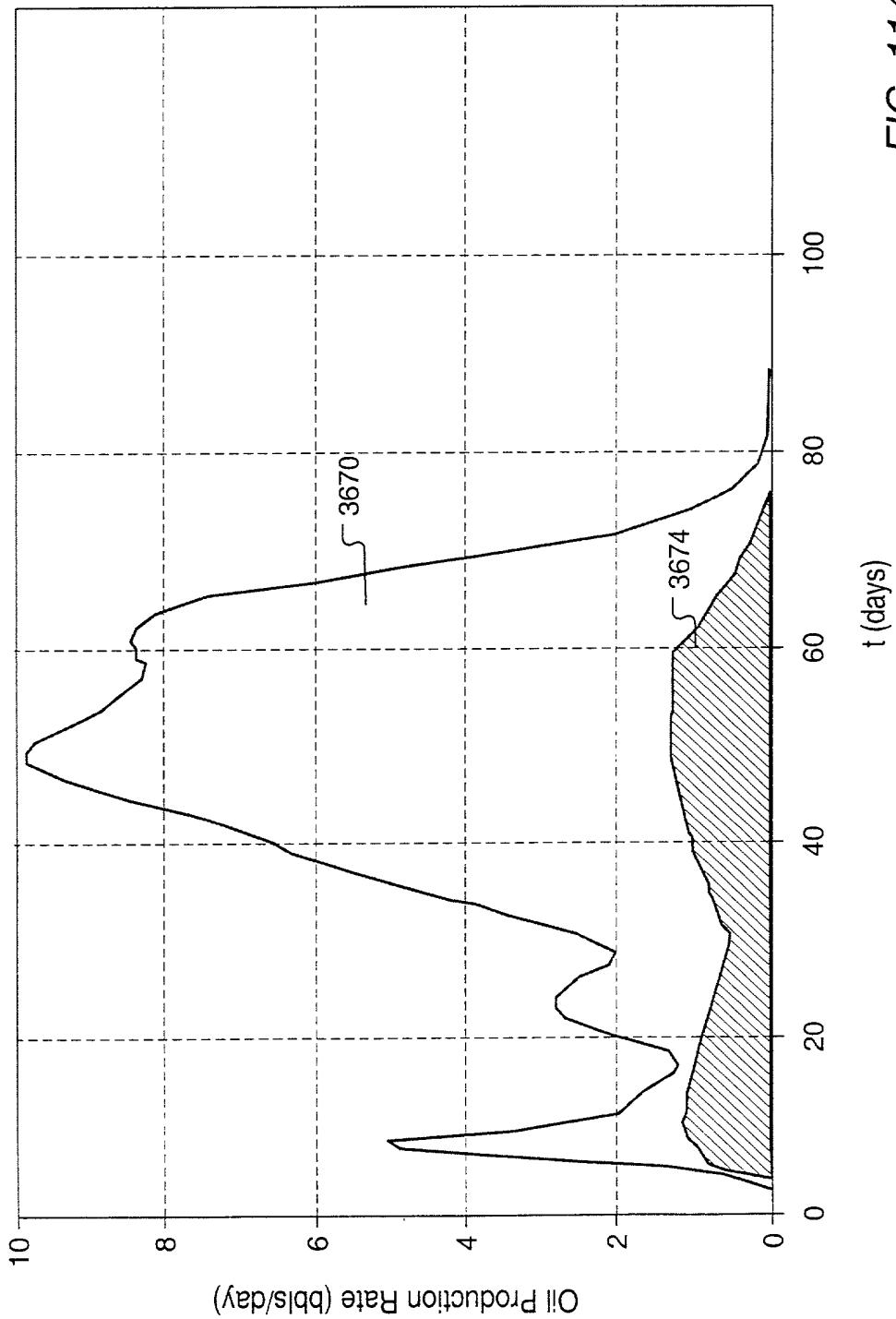


FIG. 113
Oil Recovery (% Fisher Assay)

FIG. 114



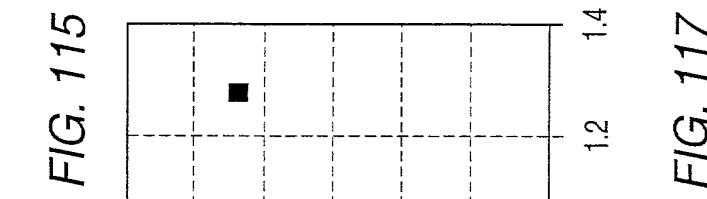
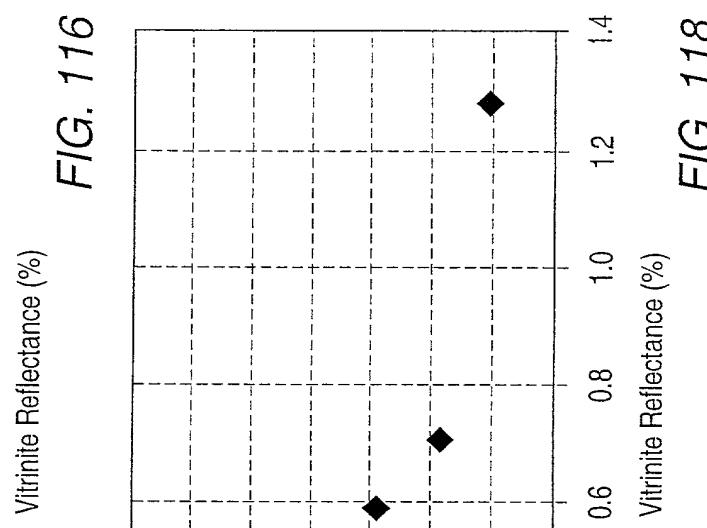
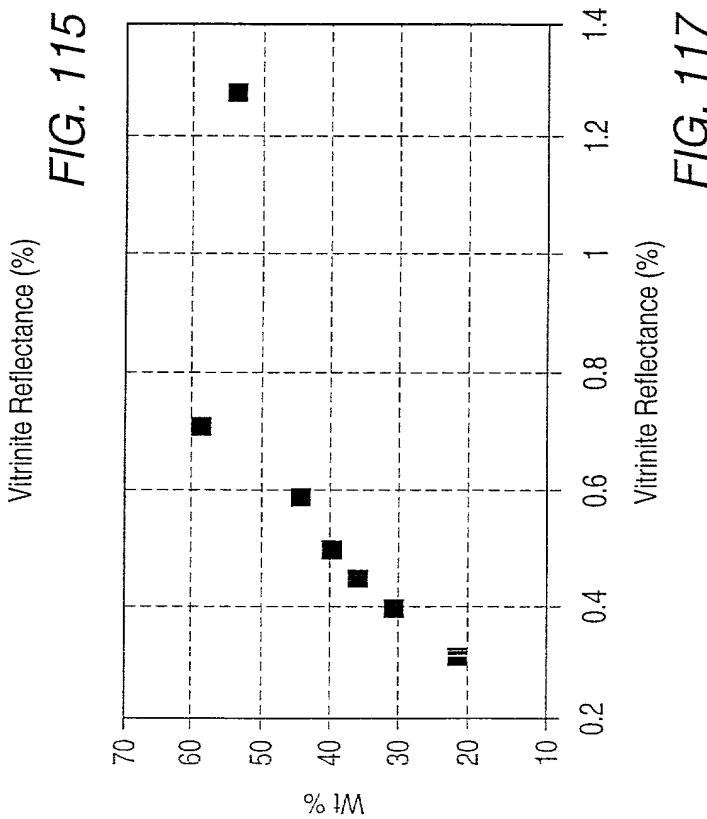
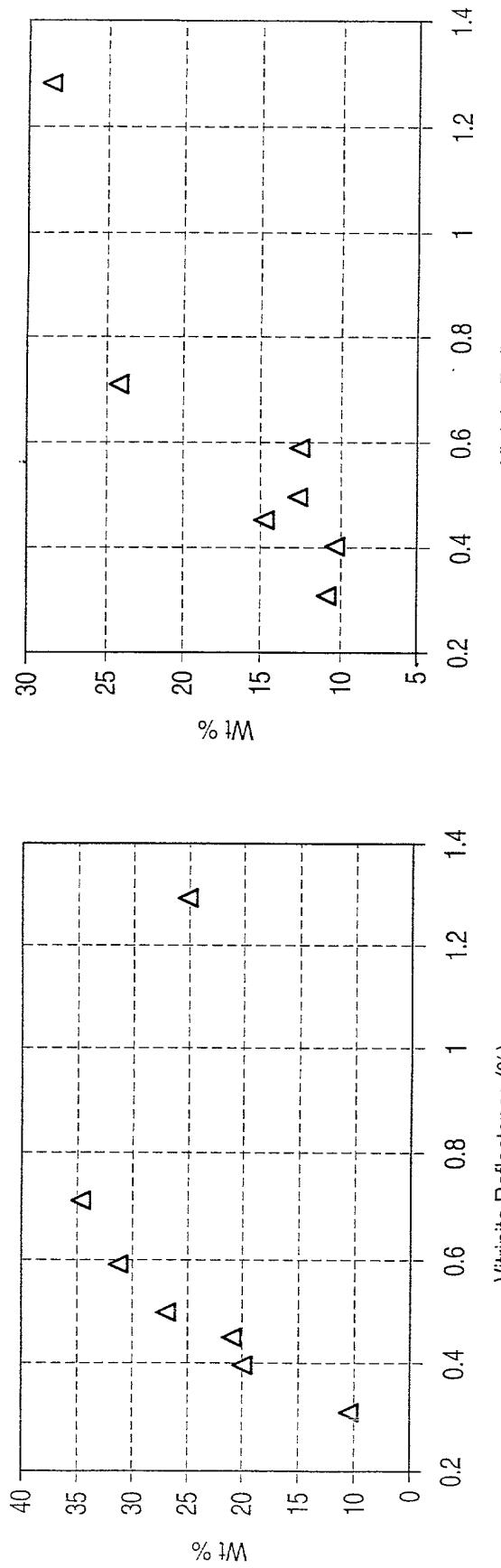


FIG. 116



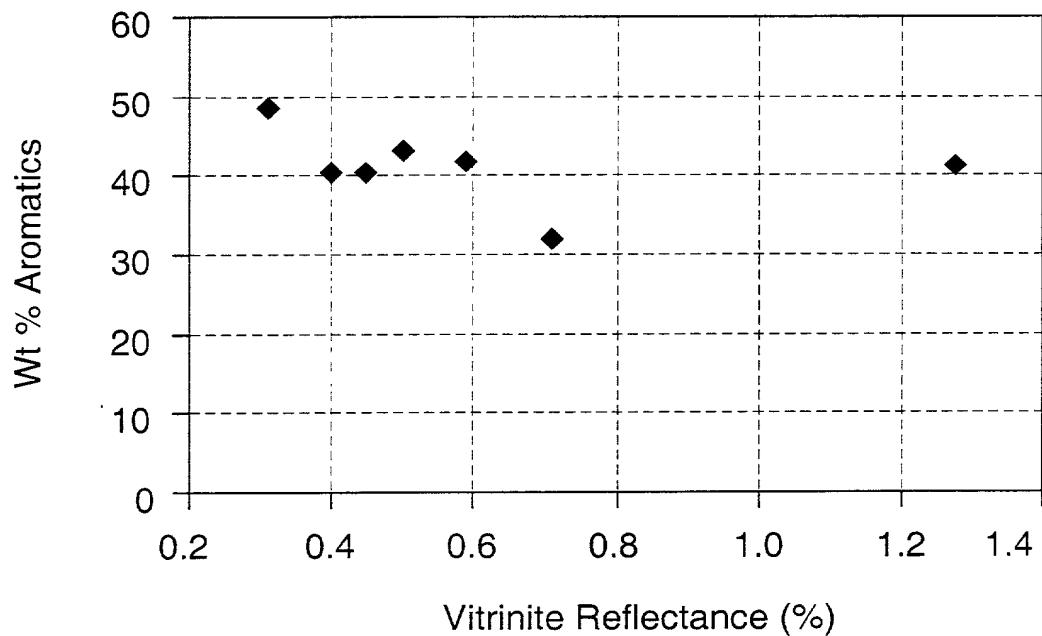


FIG. 119

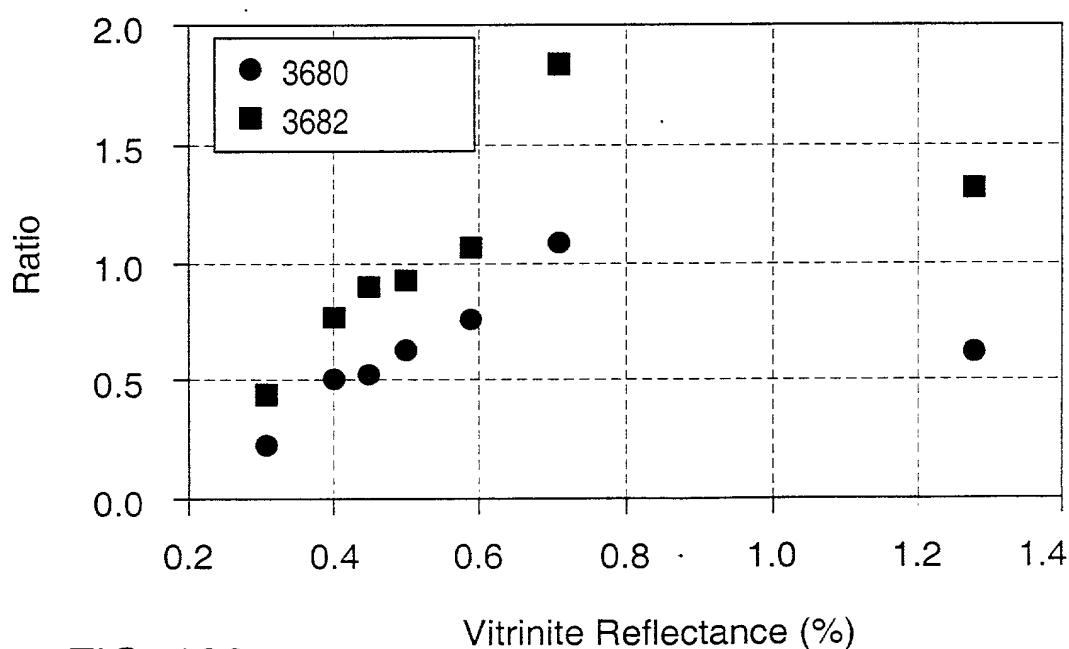


FIG. 120

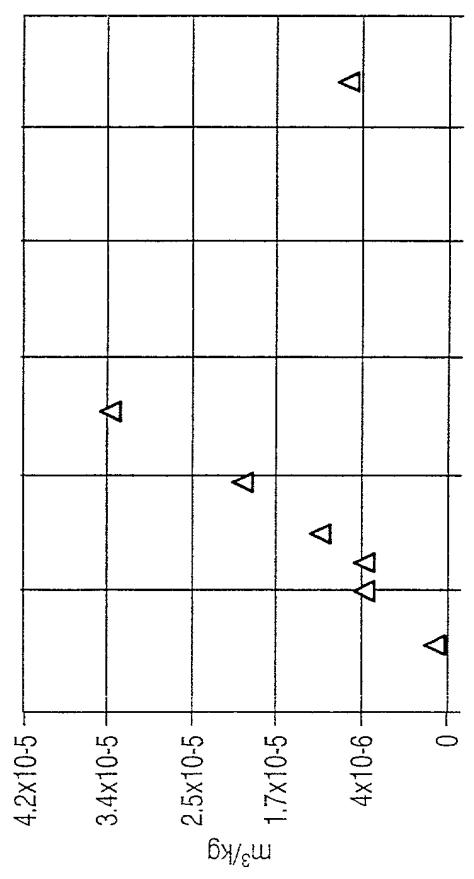


FIG. 121

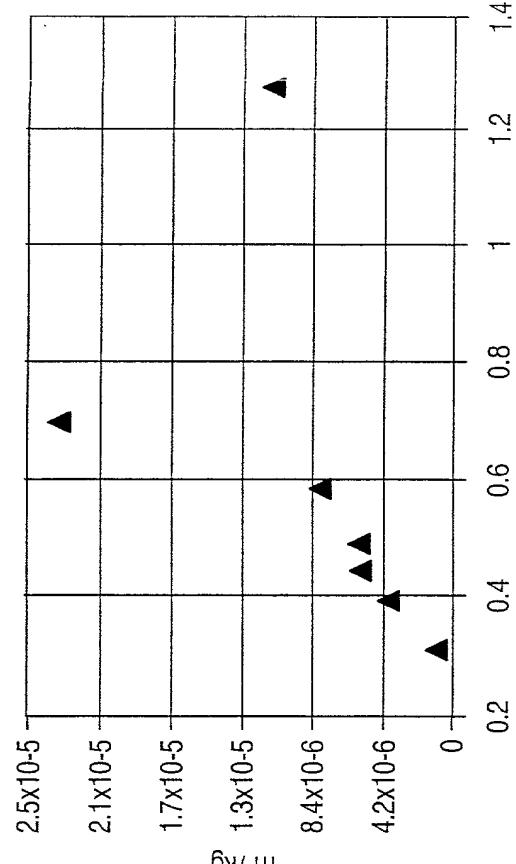


FIG. 122

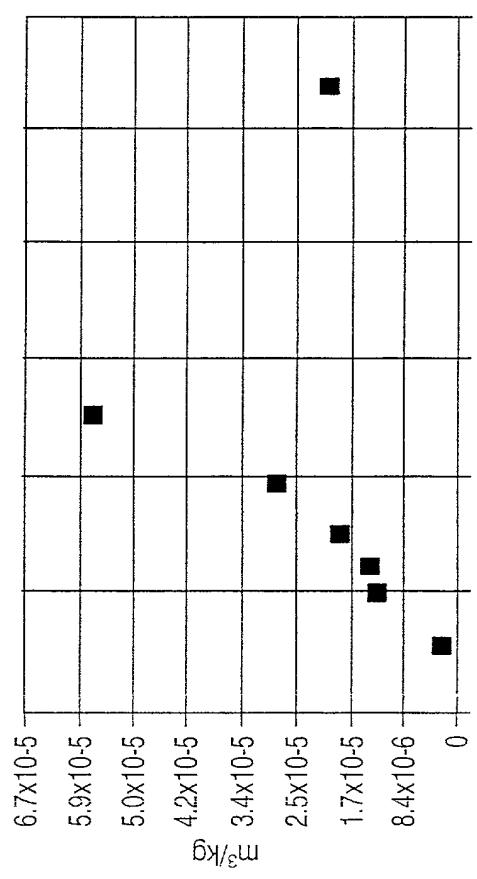


FIG. 123

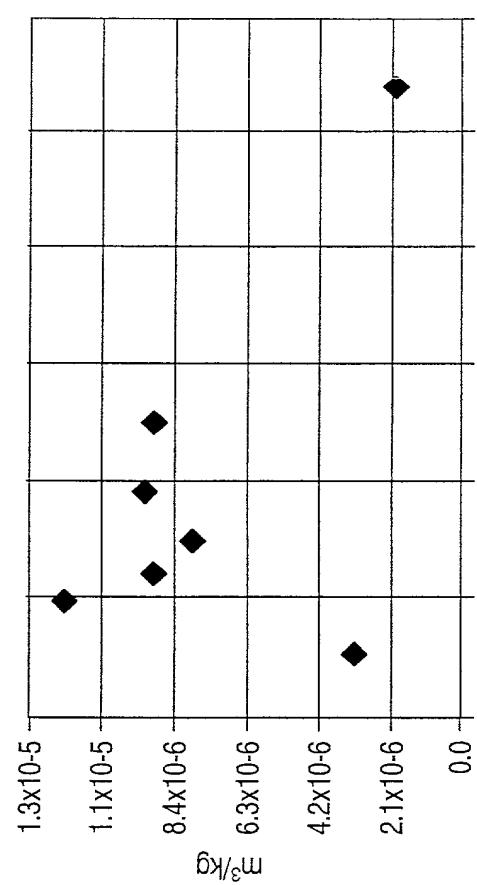


FIG. 124

FIG. 125

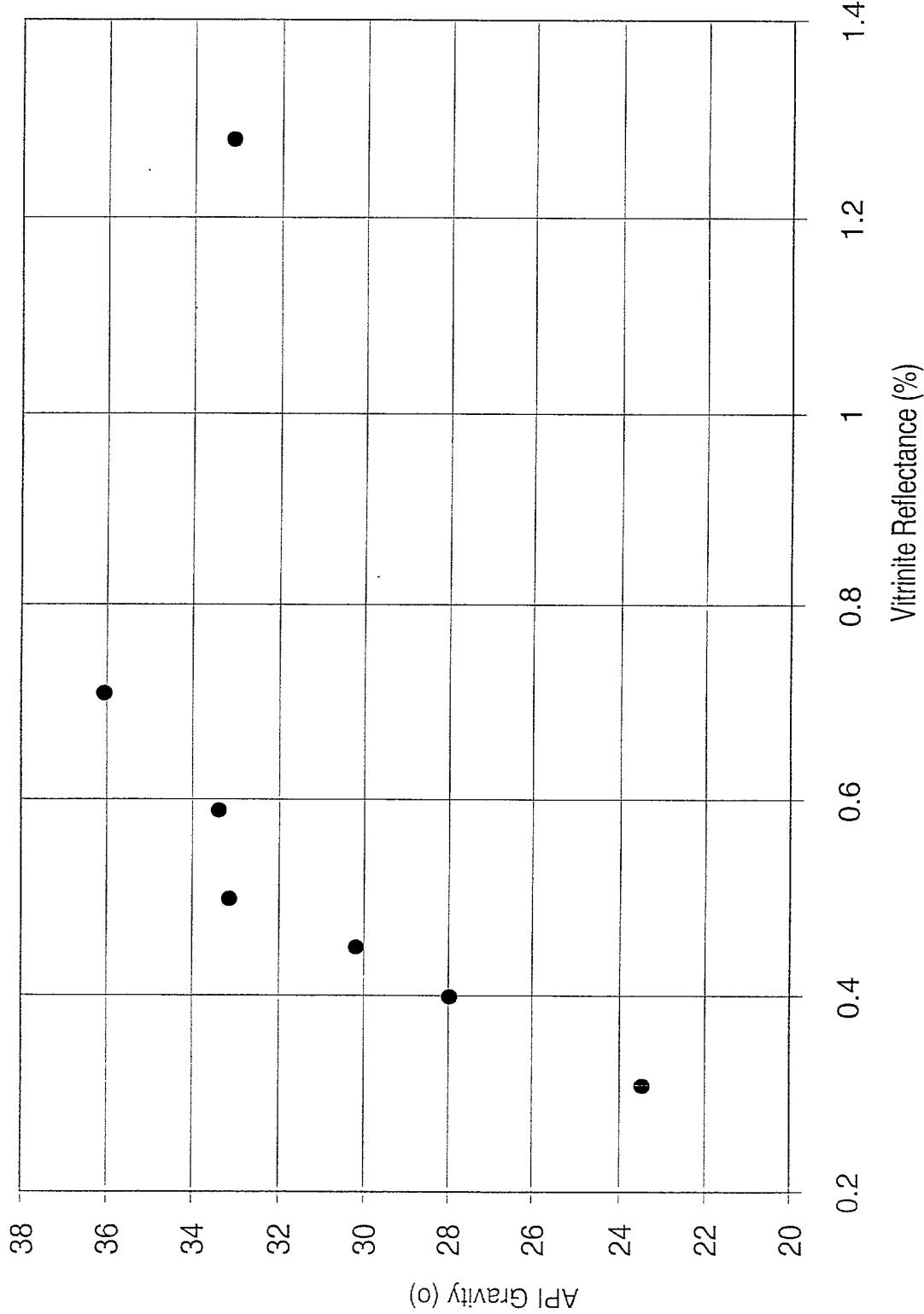
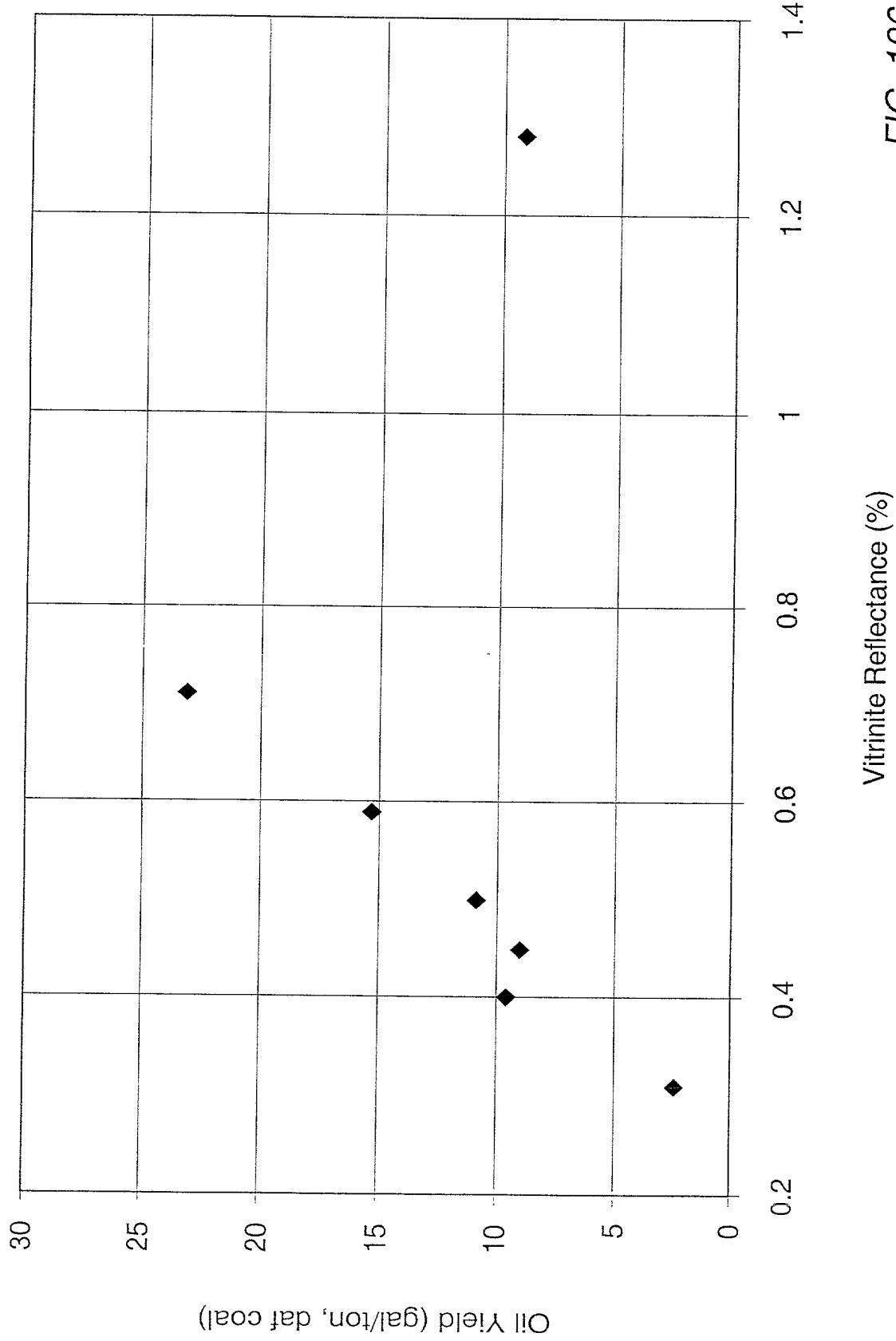


FIG. 126



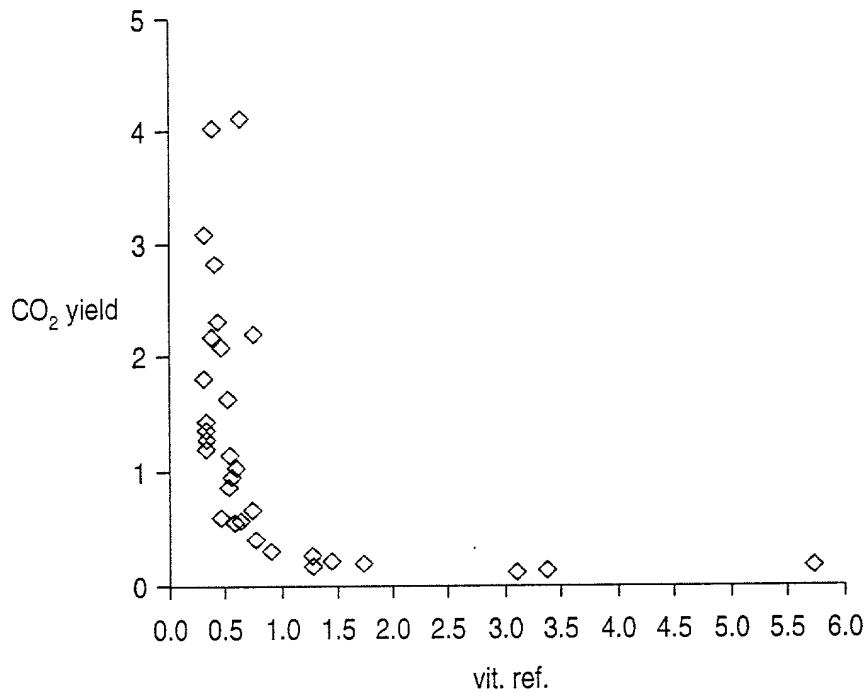


FIG. 127

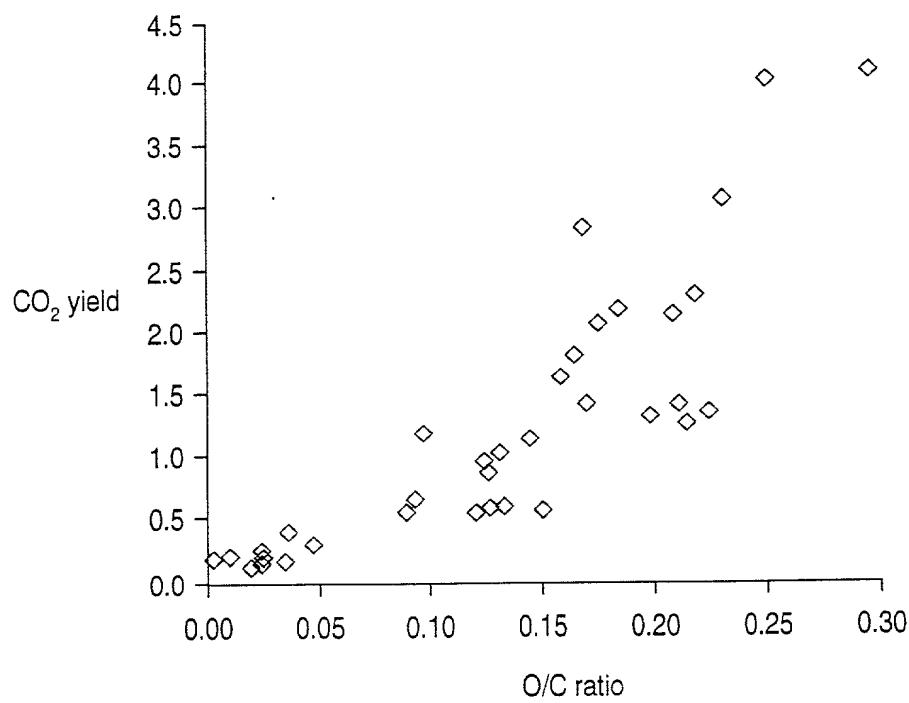
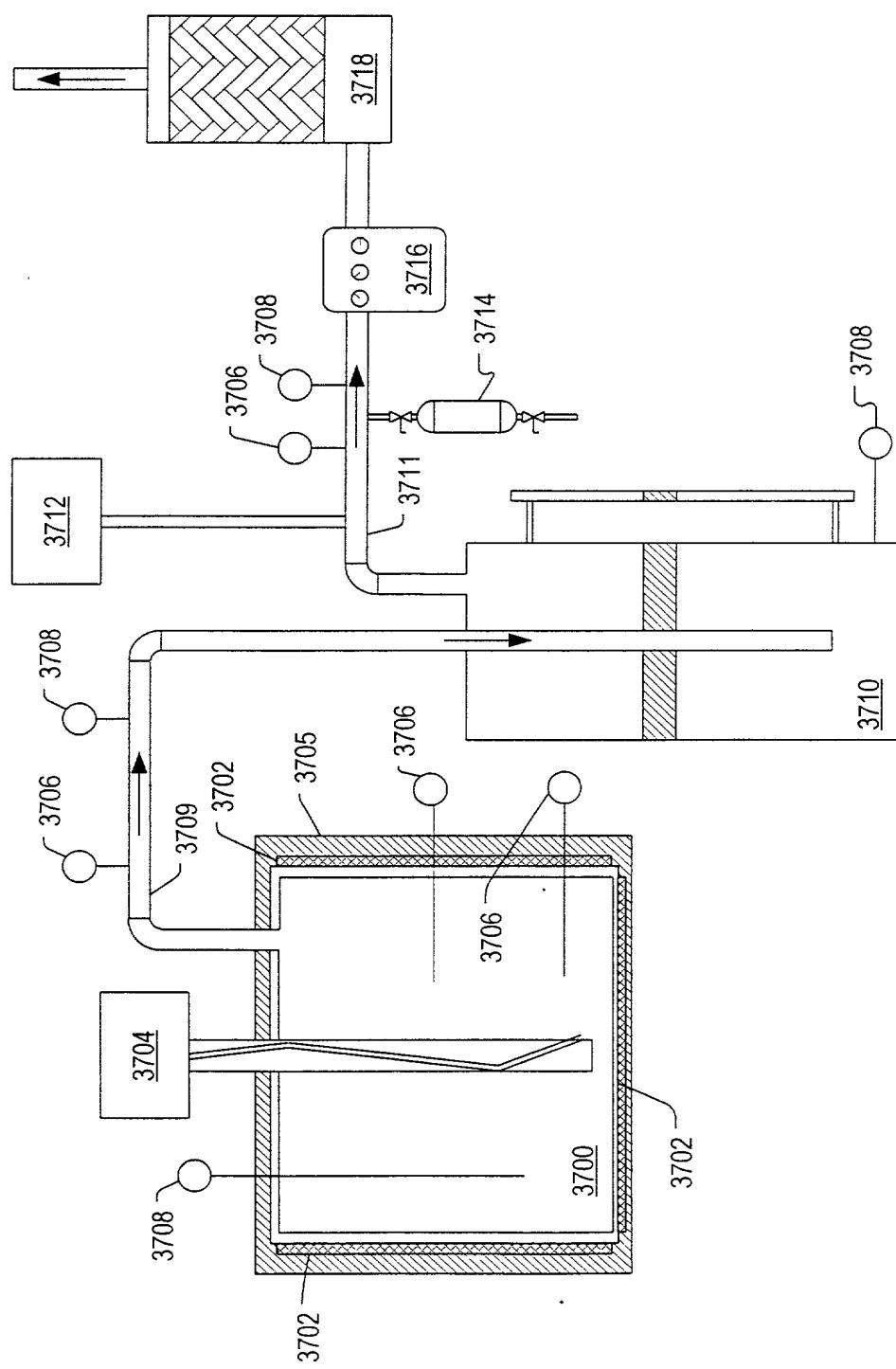


FIG. 128

FIG. 129



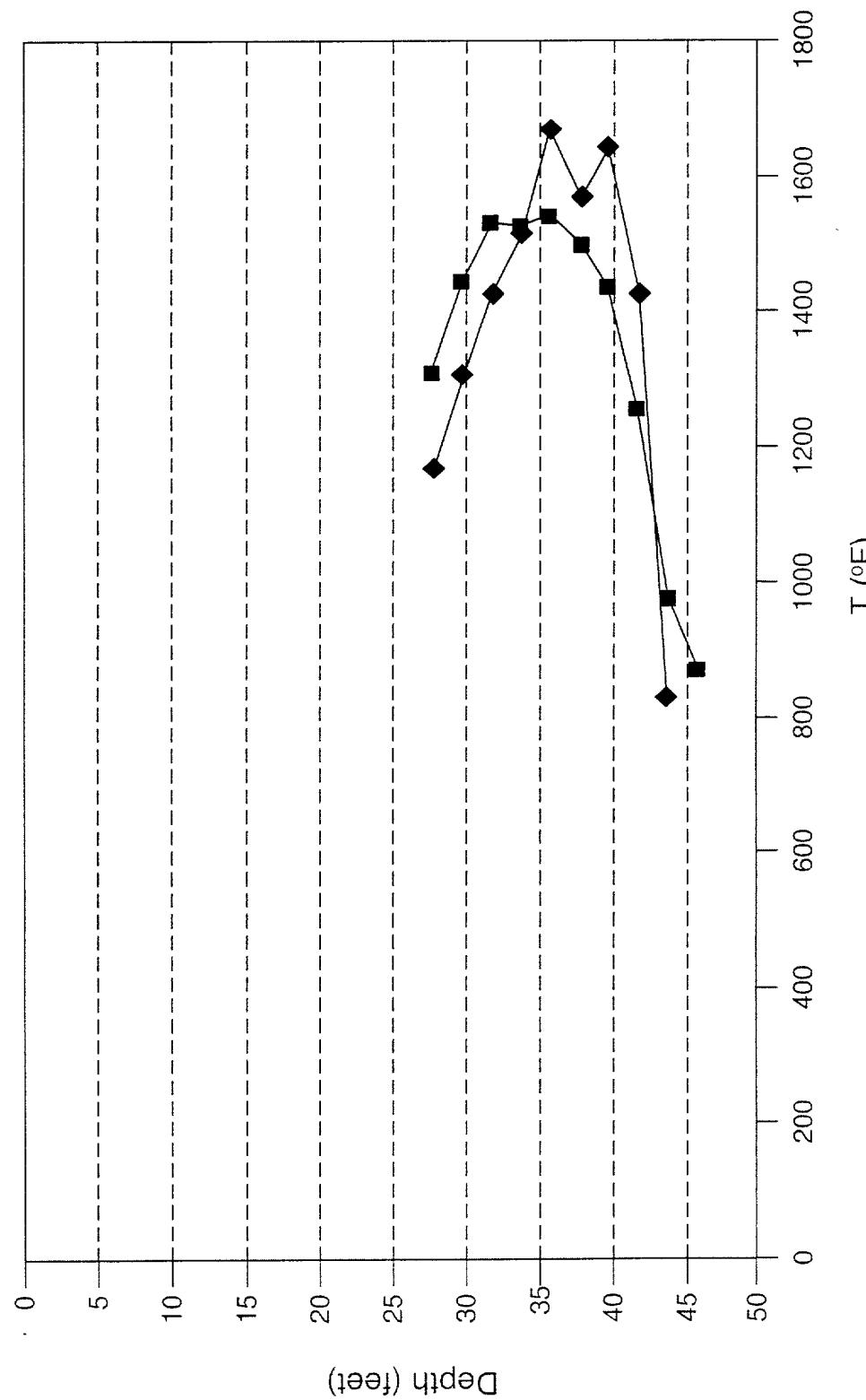


FIG. 130

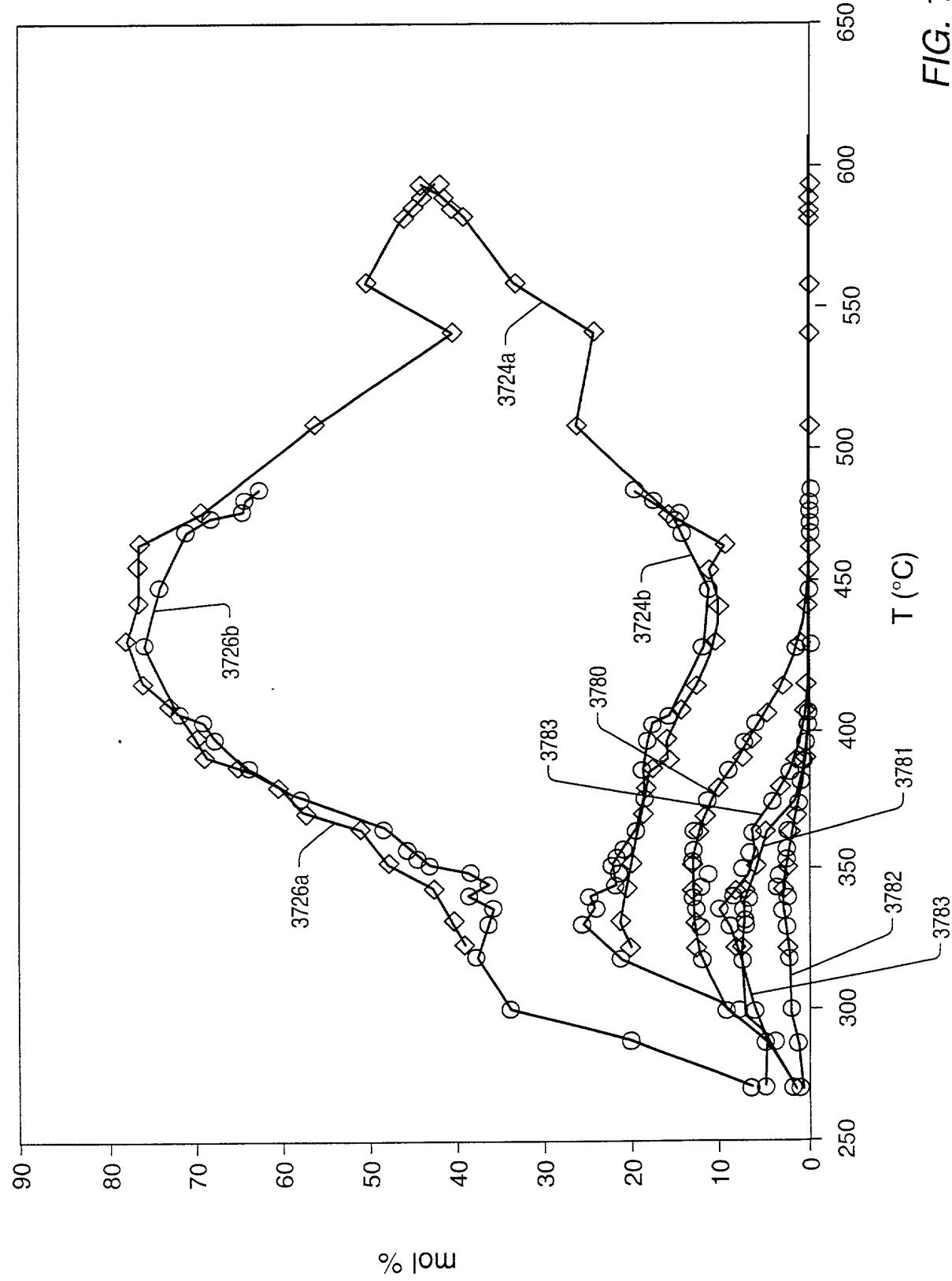


FIG. 131

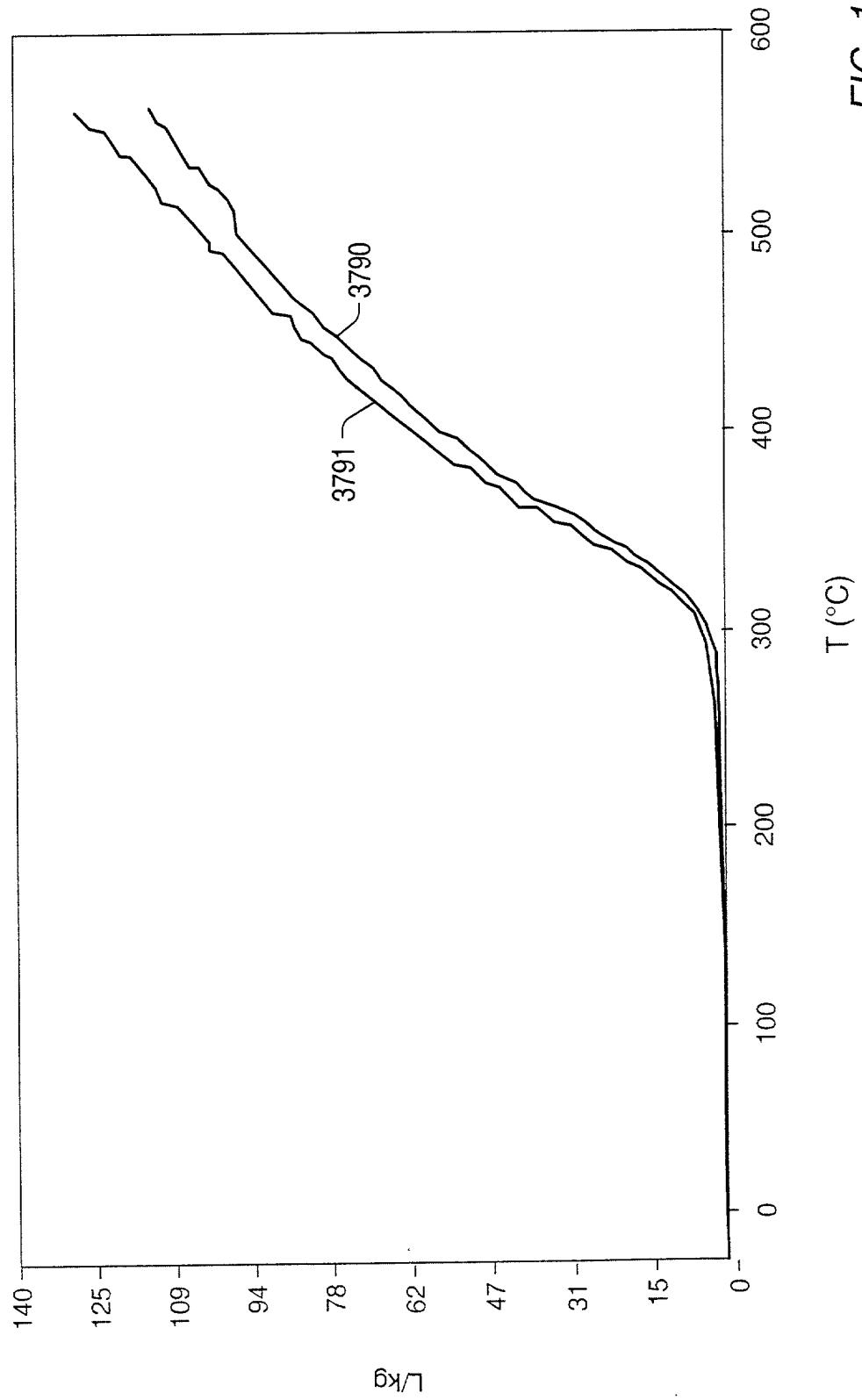


FIG. 132

FIG. 133

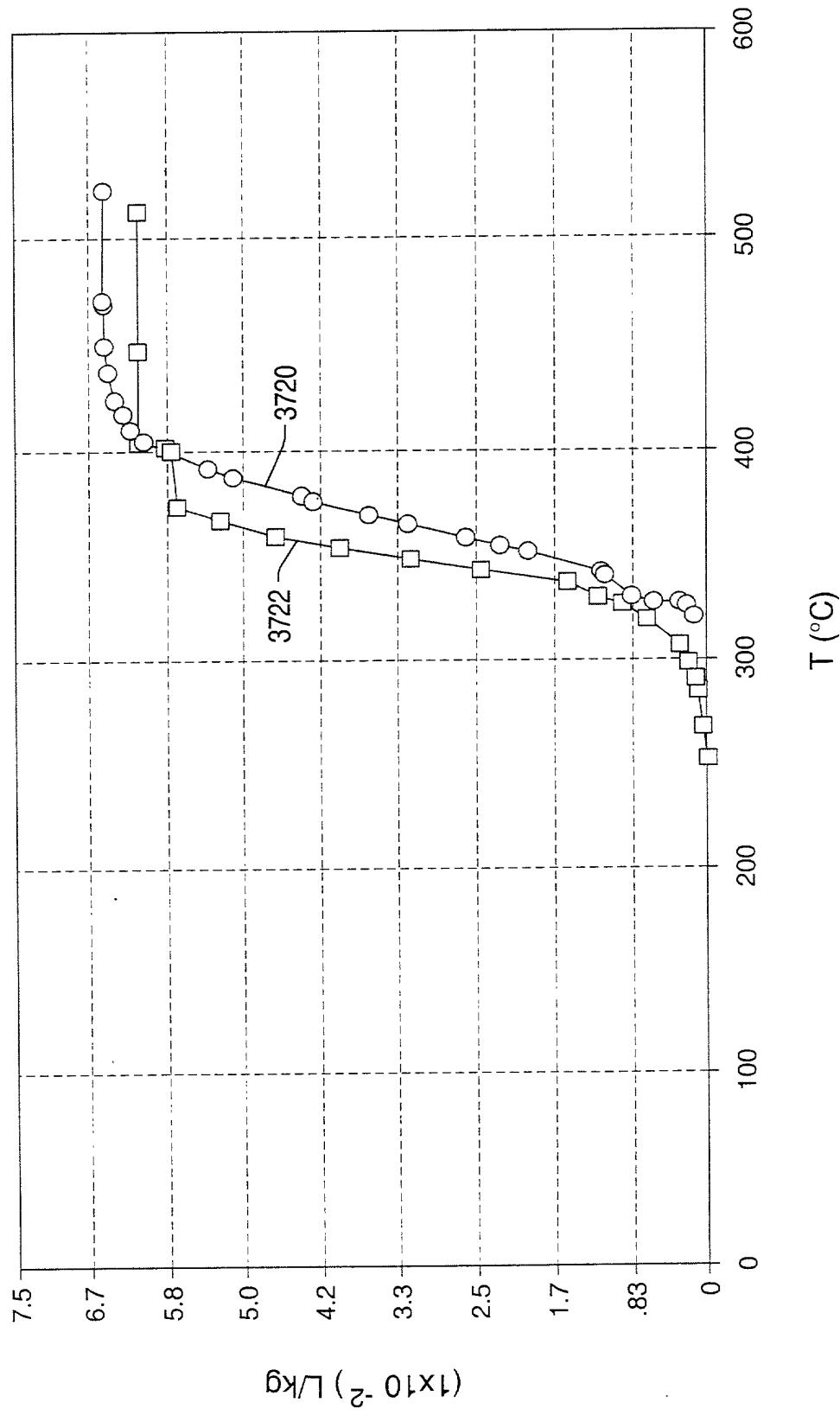
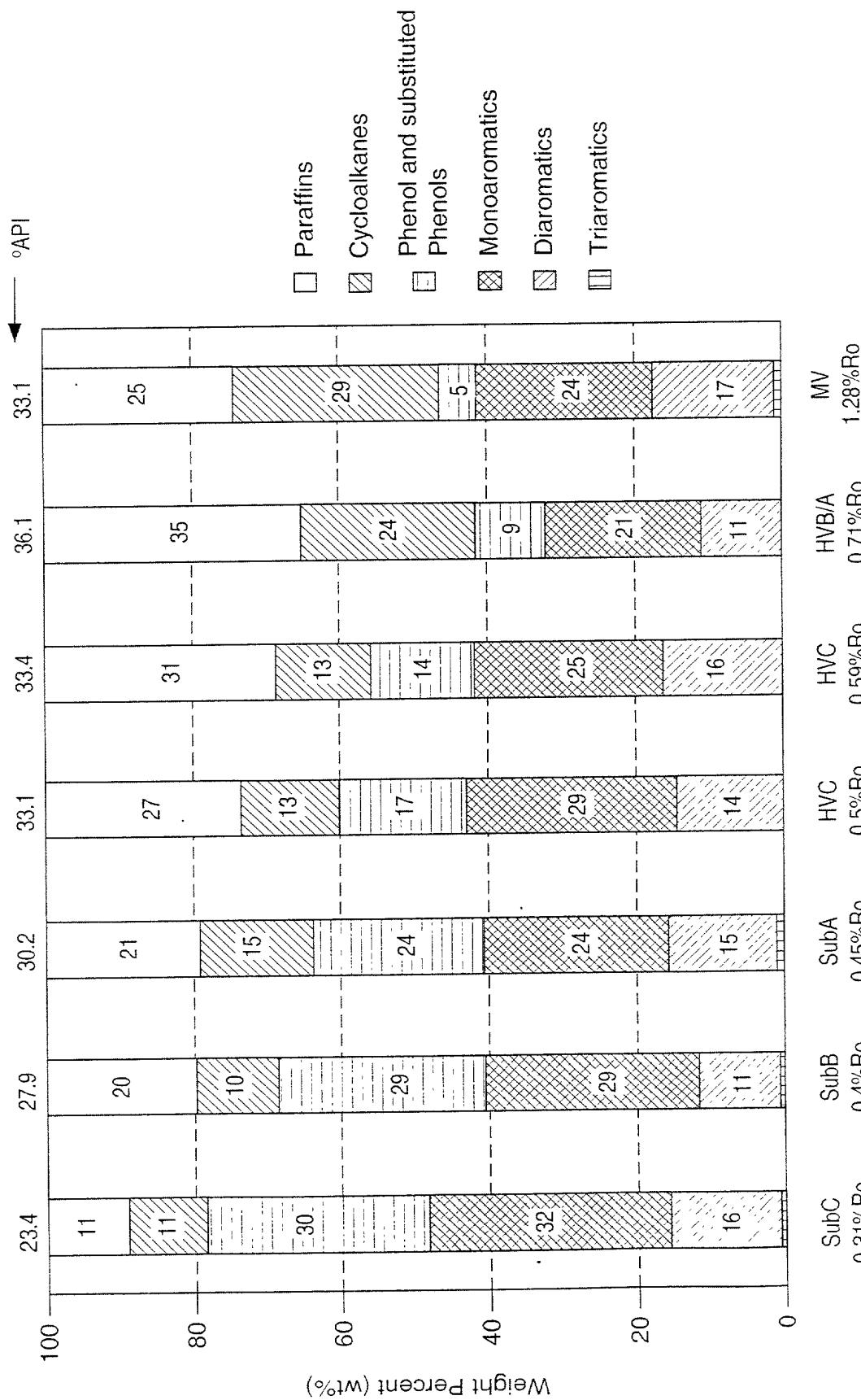


FIG. 134



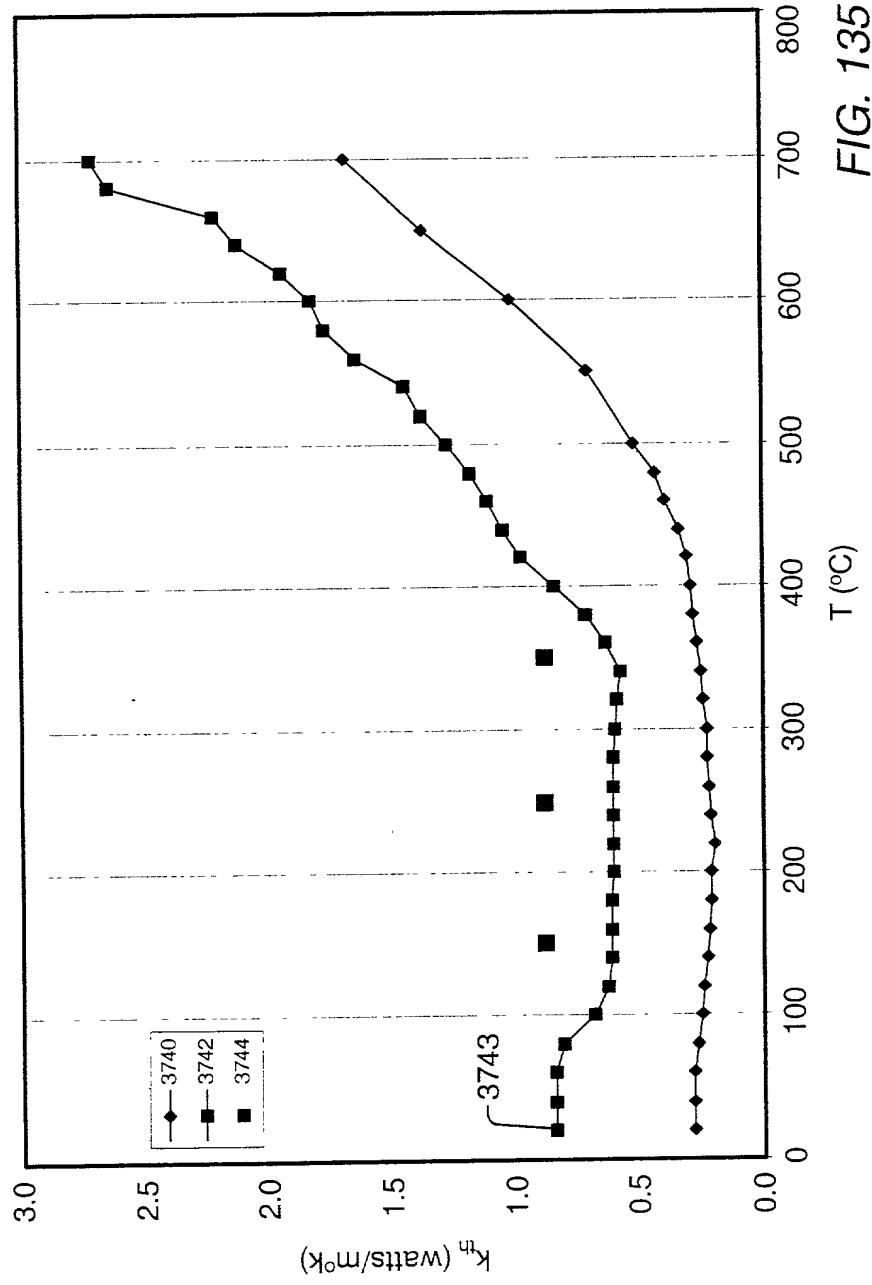


FIG. 135

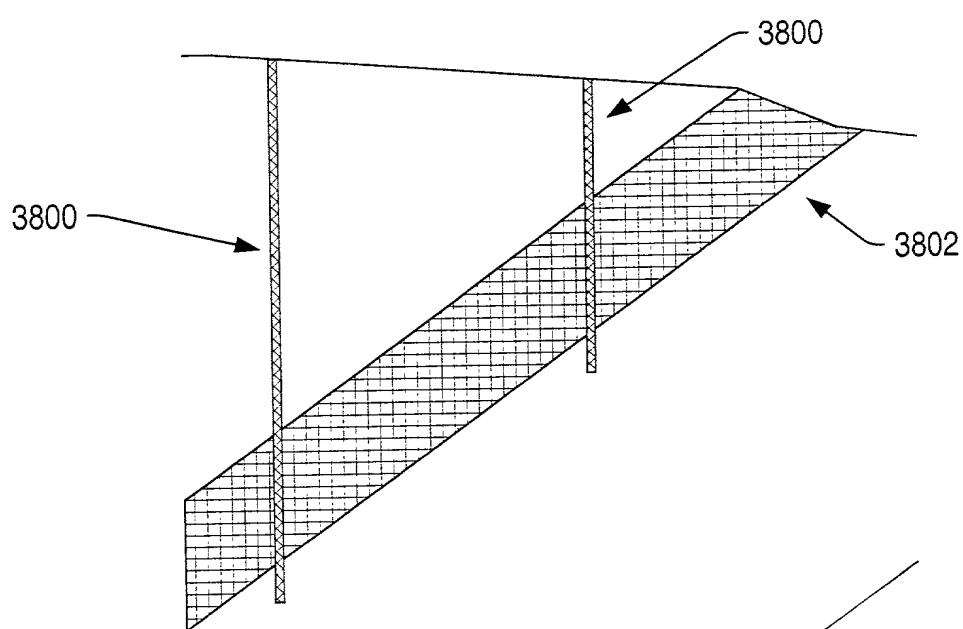


FIG. 136

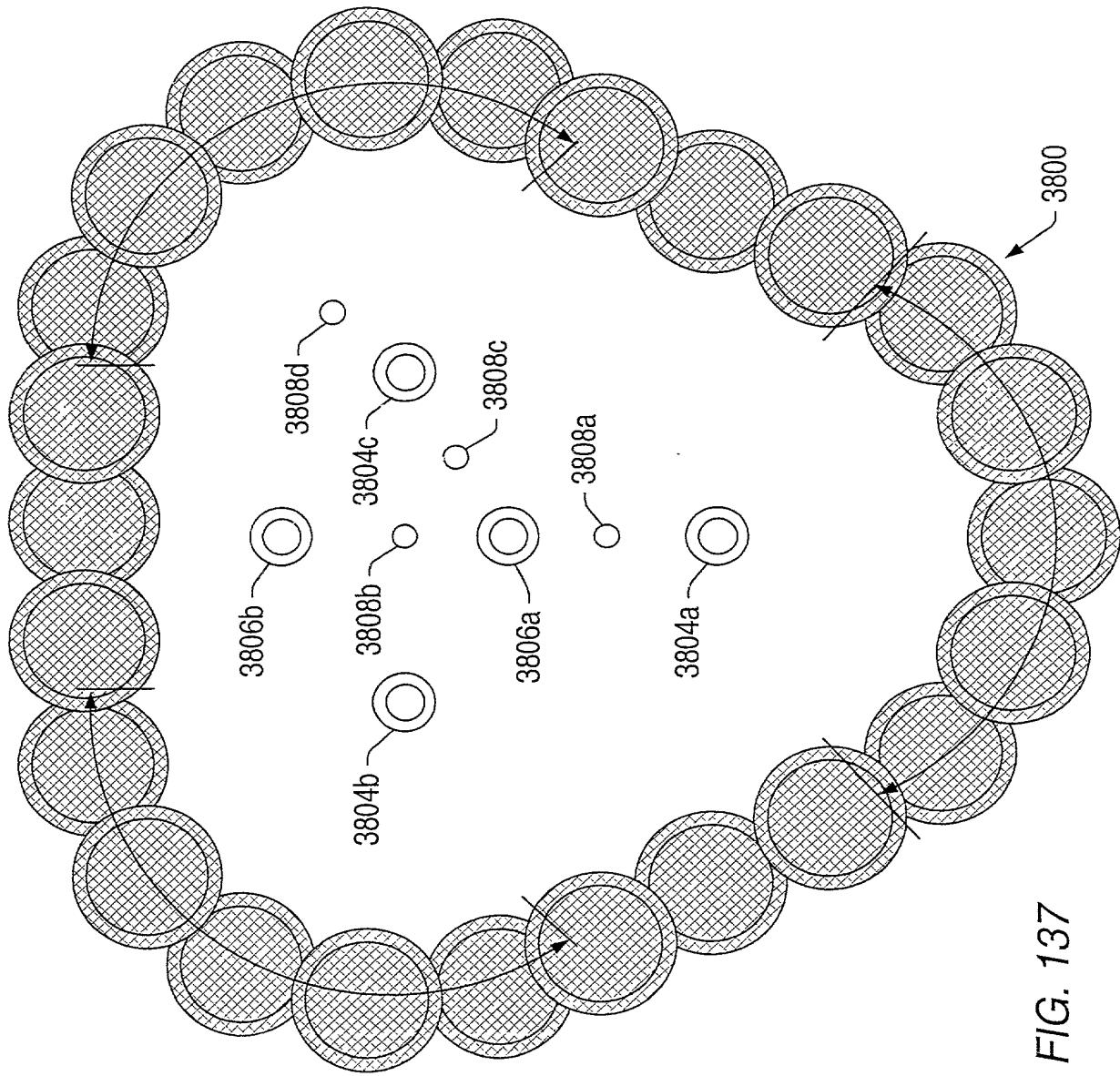


FIG. 137

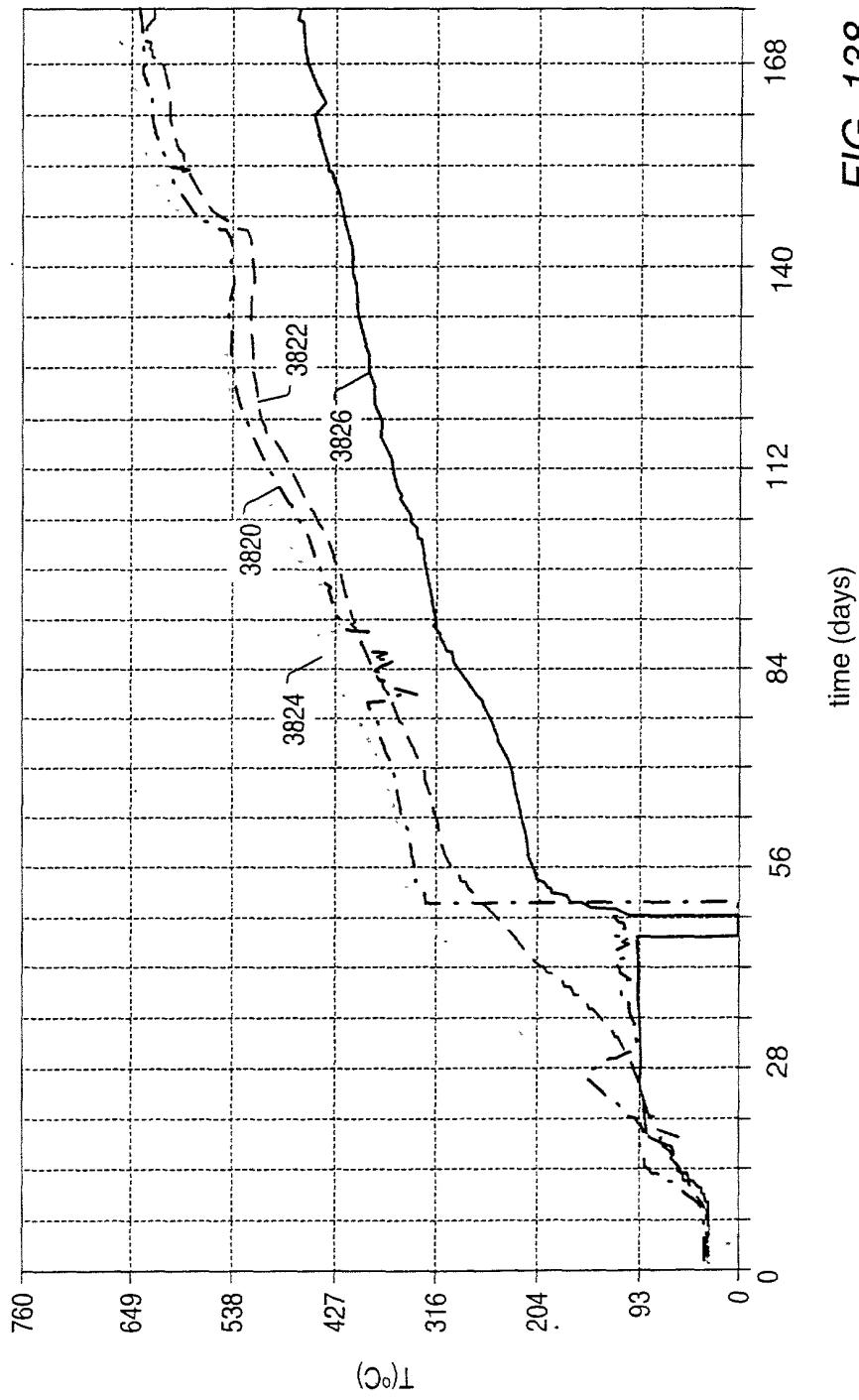
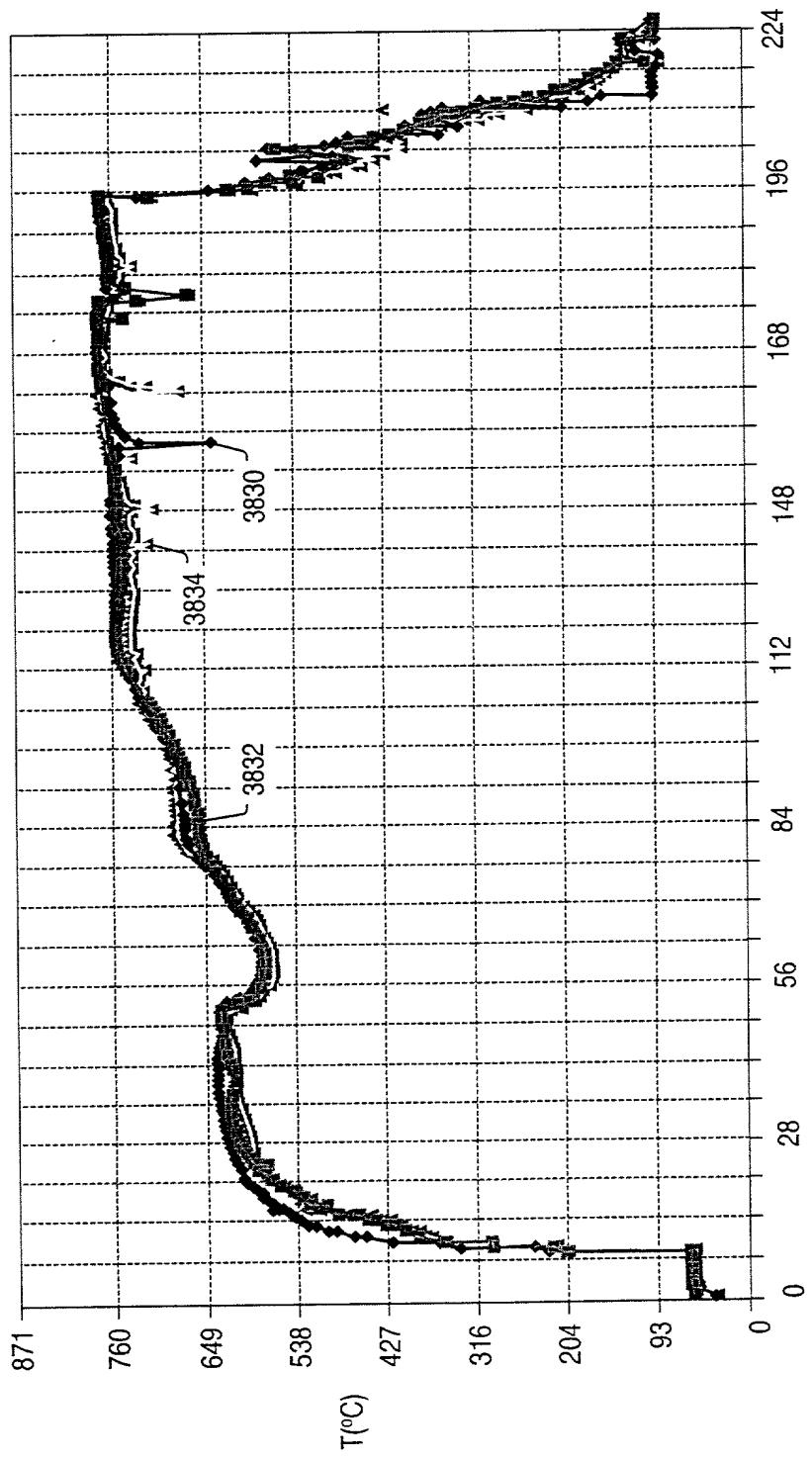


FIG. 138

FIG. 139

time (days)



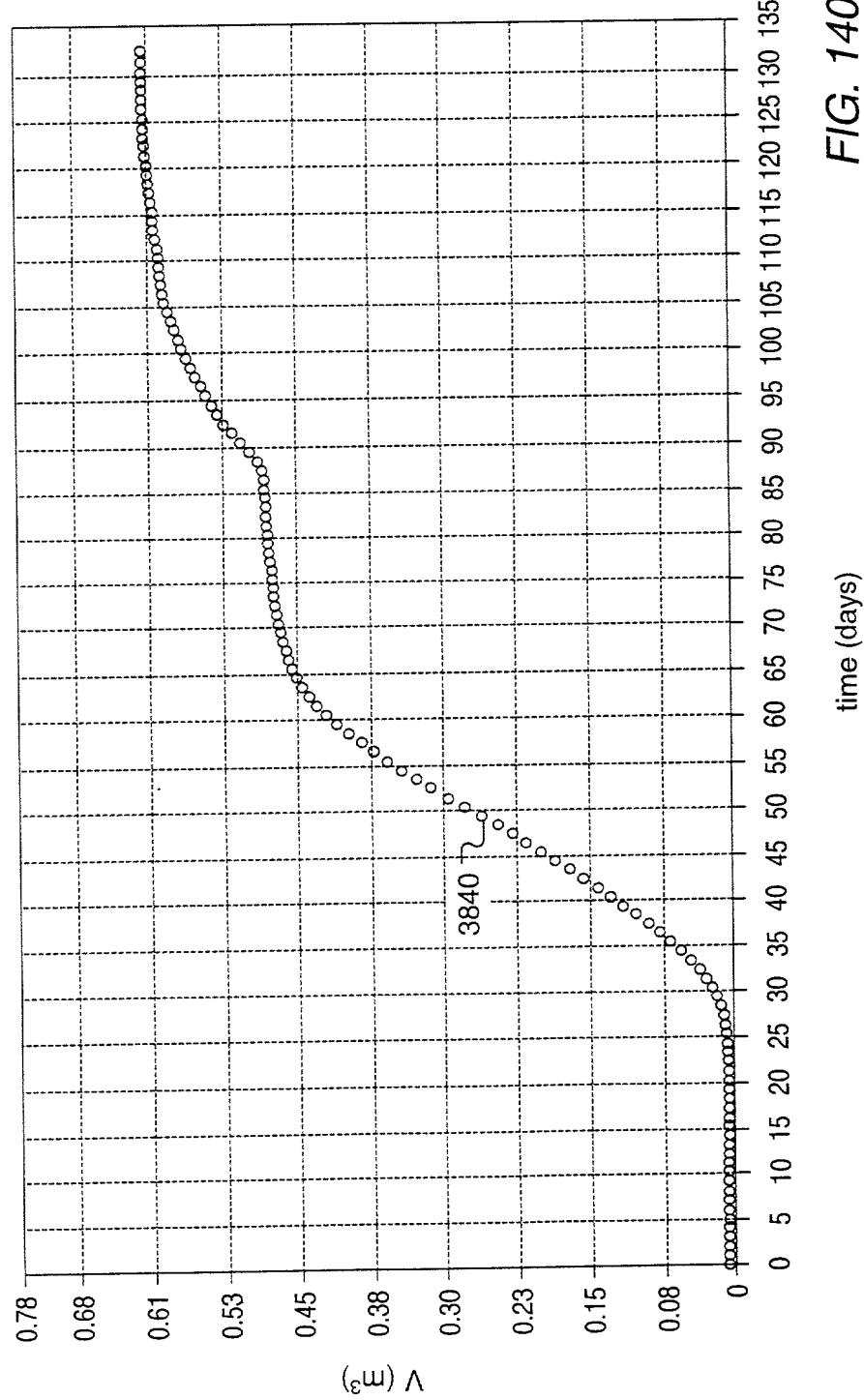


FIG. 140
time (days)

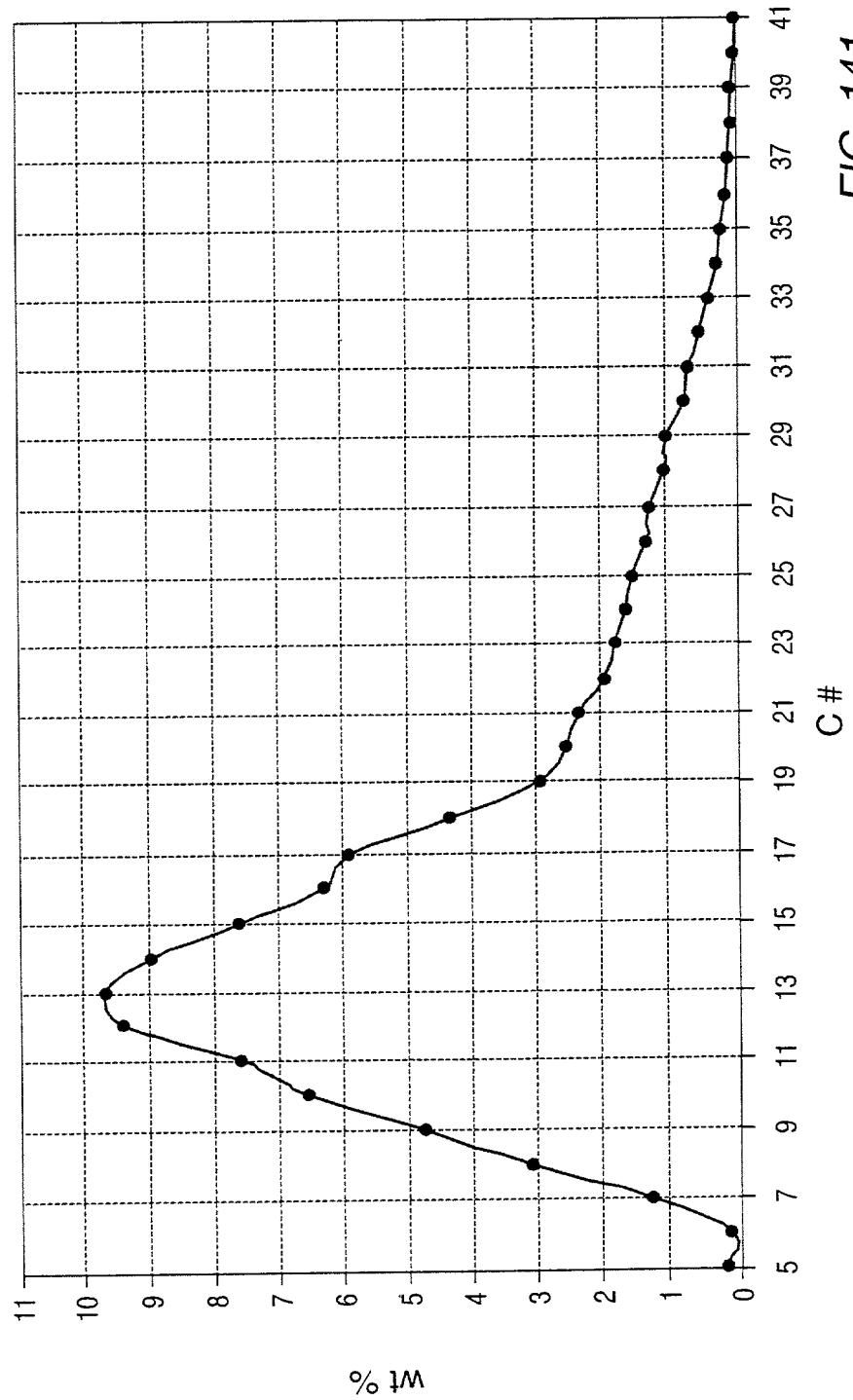
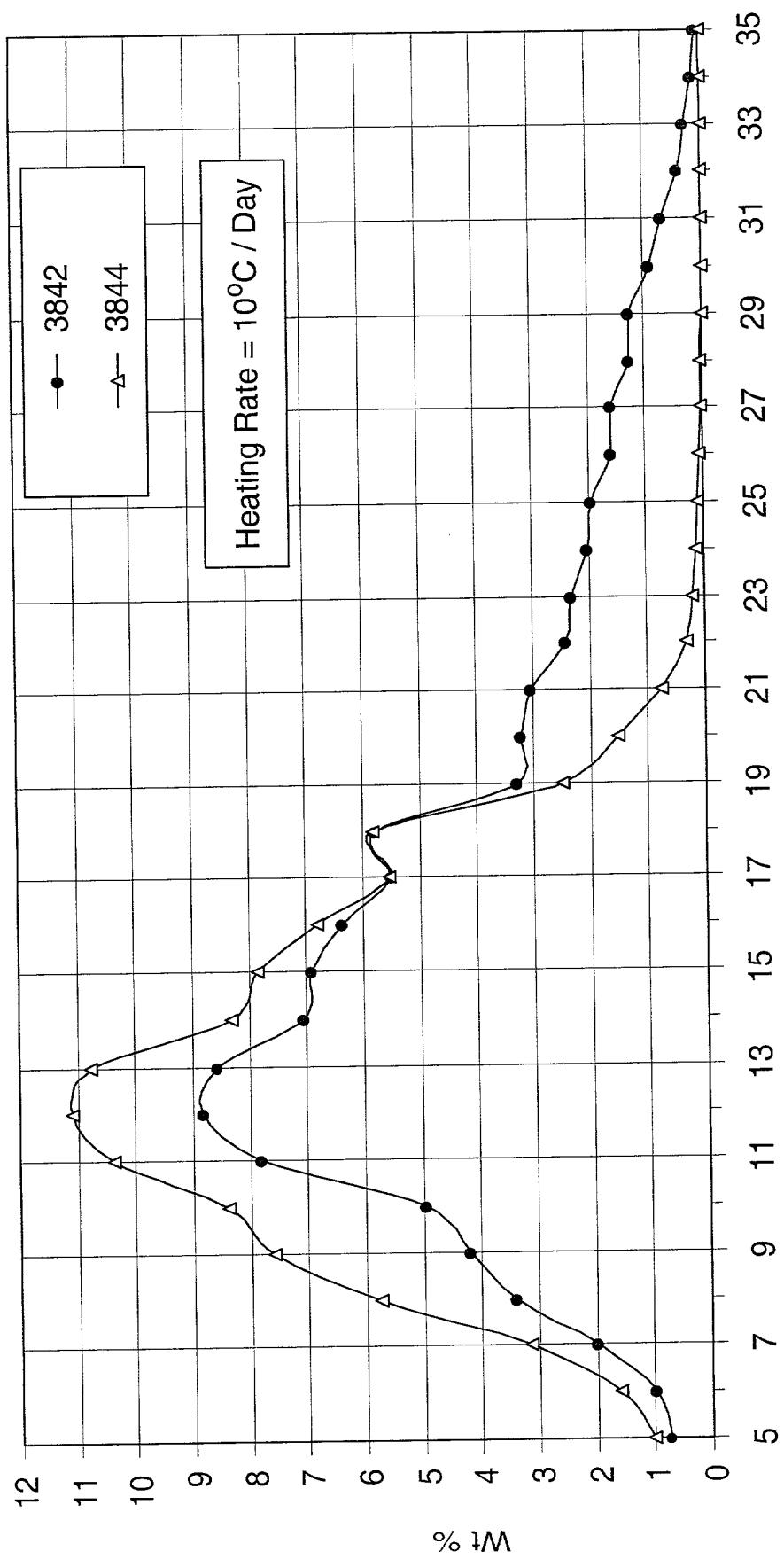


FIG. 141

FIG. 142

Carbon Number



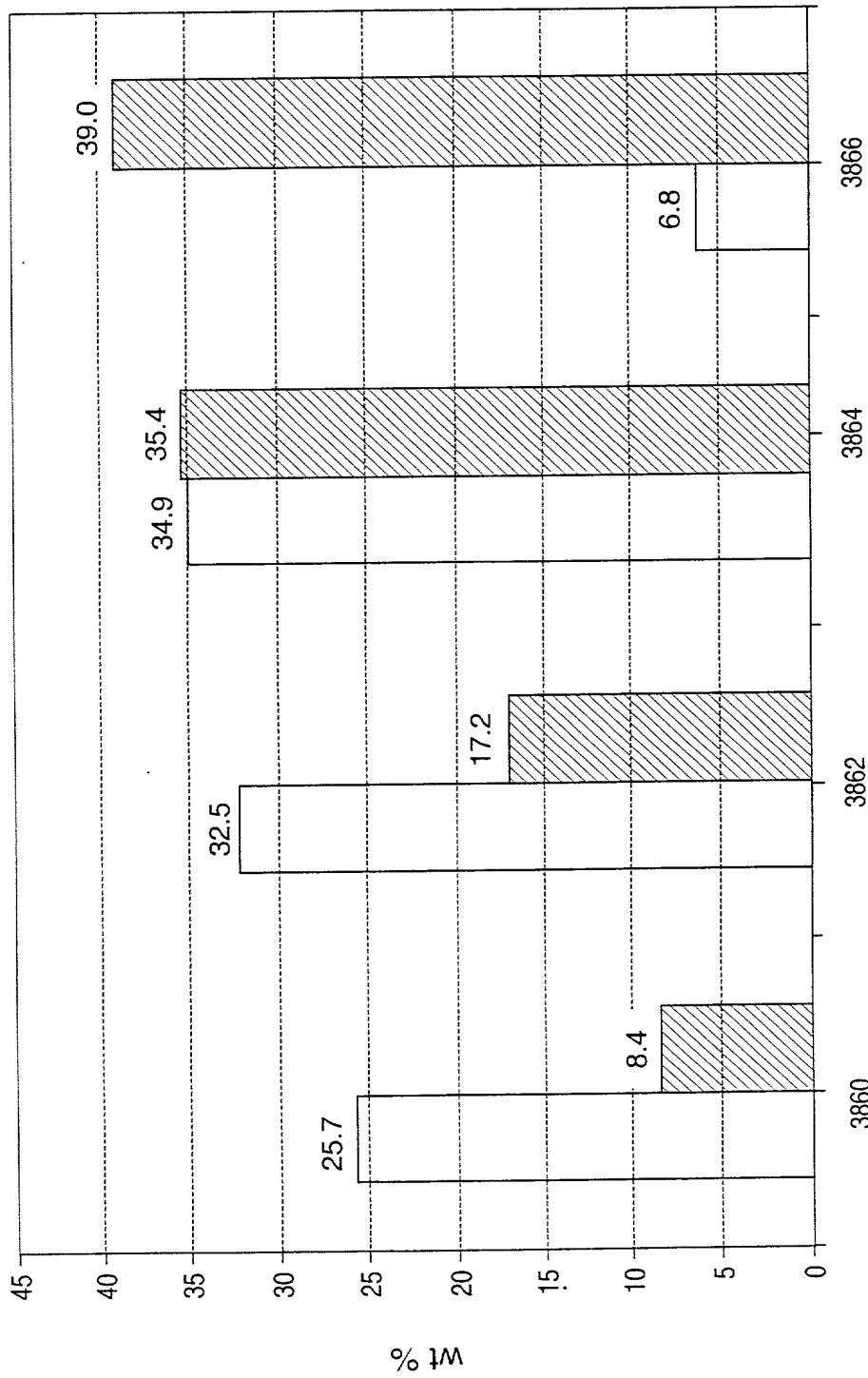


FIG. 143

FIG. 144

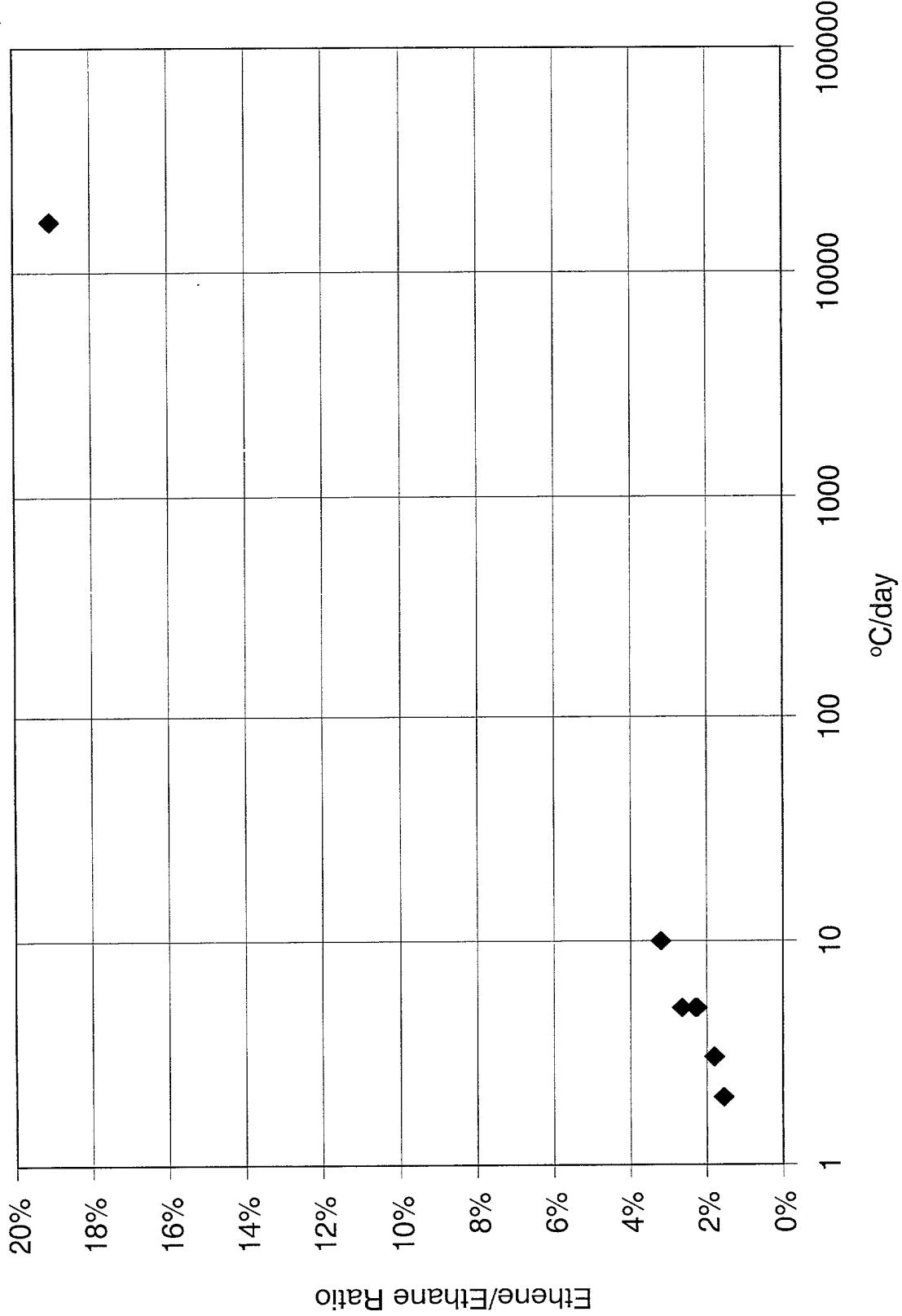
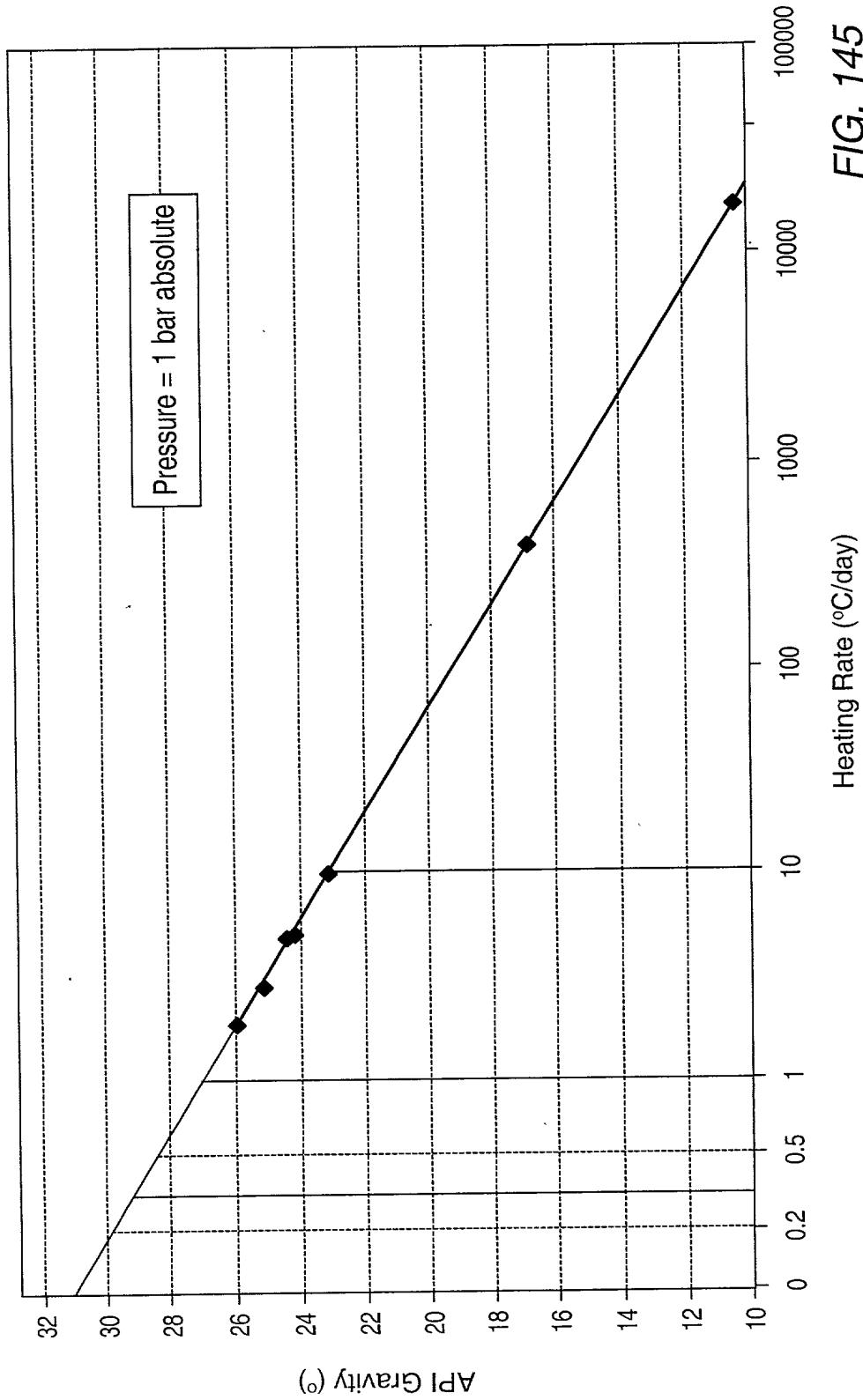


FIG. 145



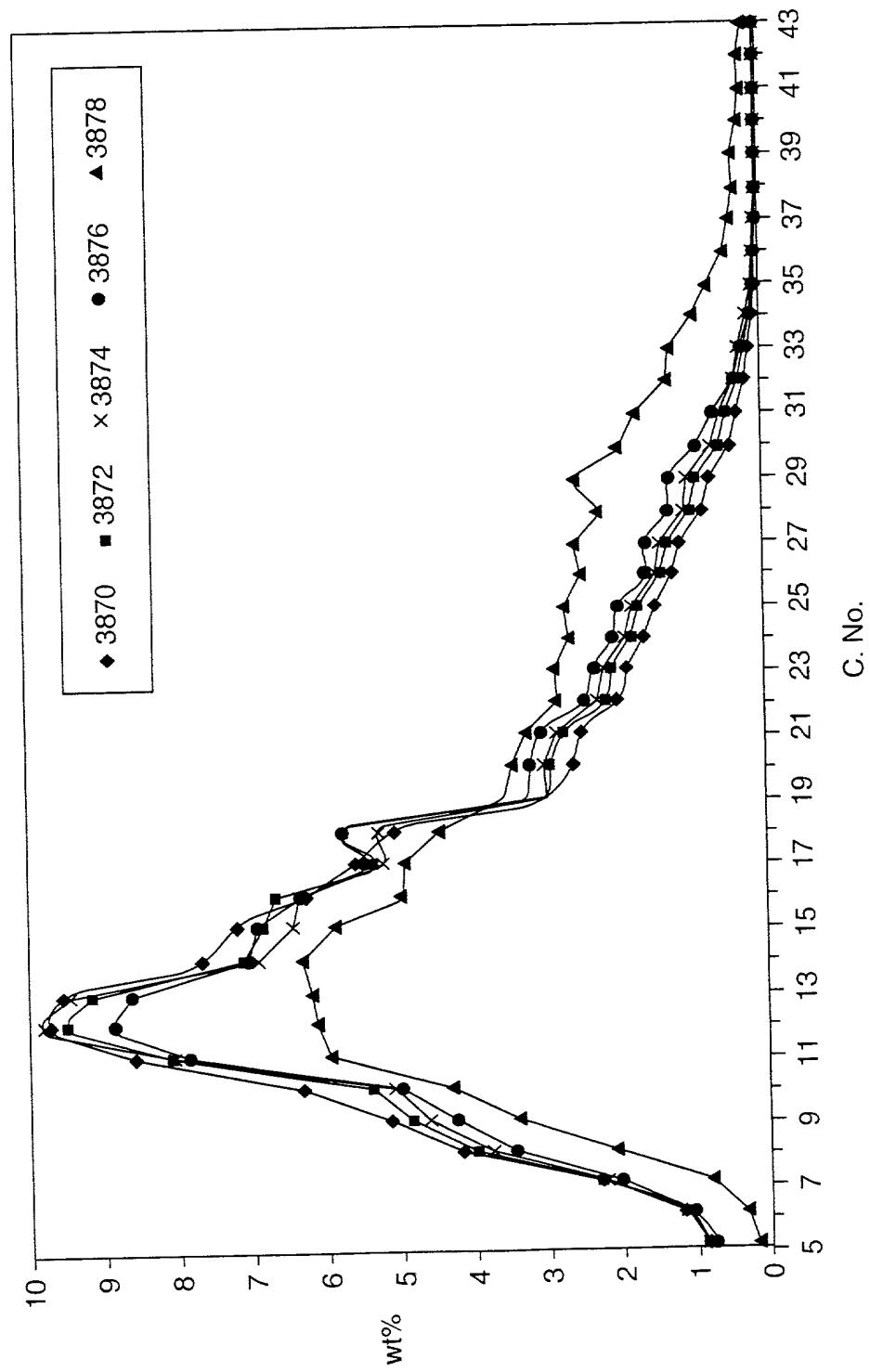


FIG. 146

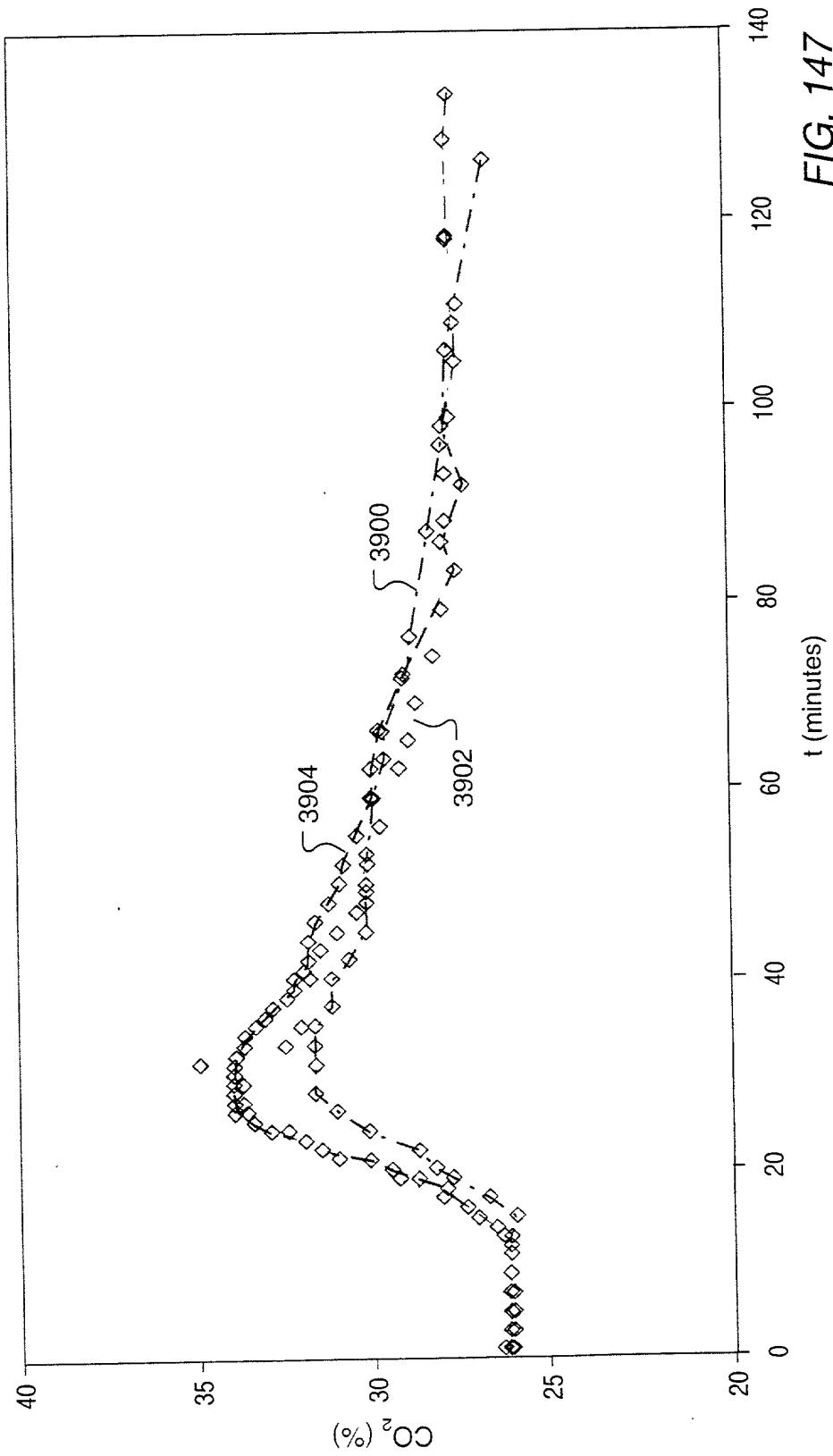


FIG. 147

FIG. 148
Cumulative Energy
kw-hr

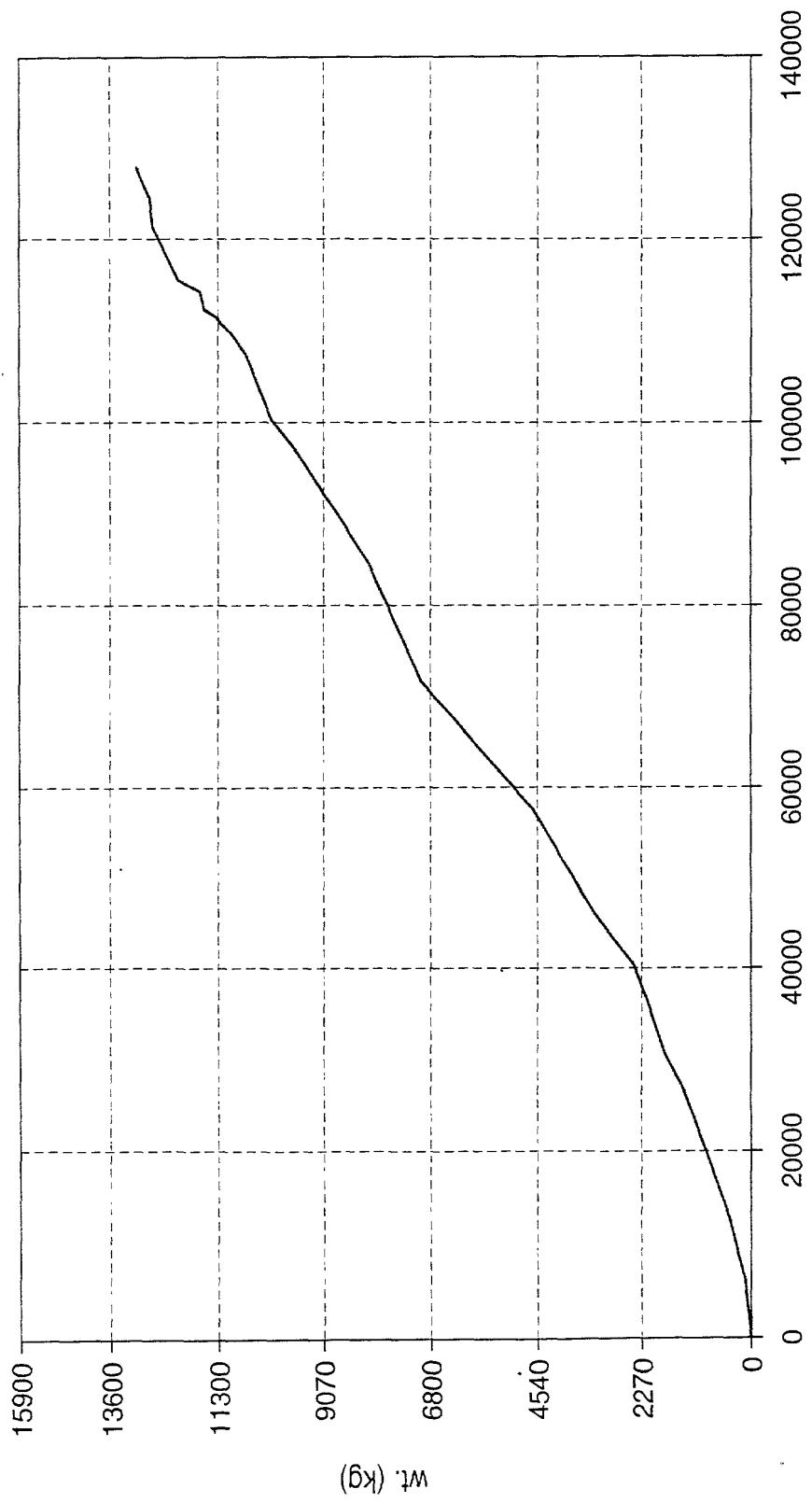
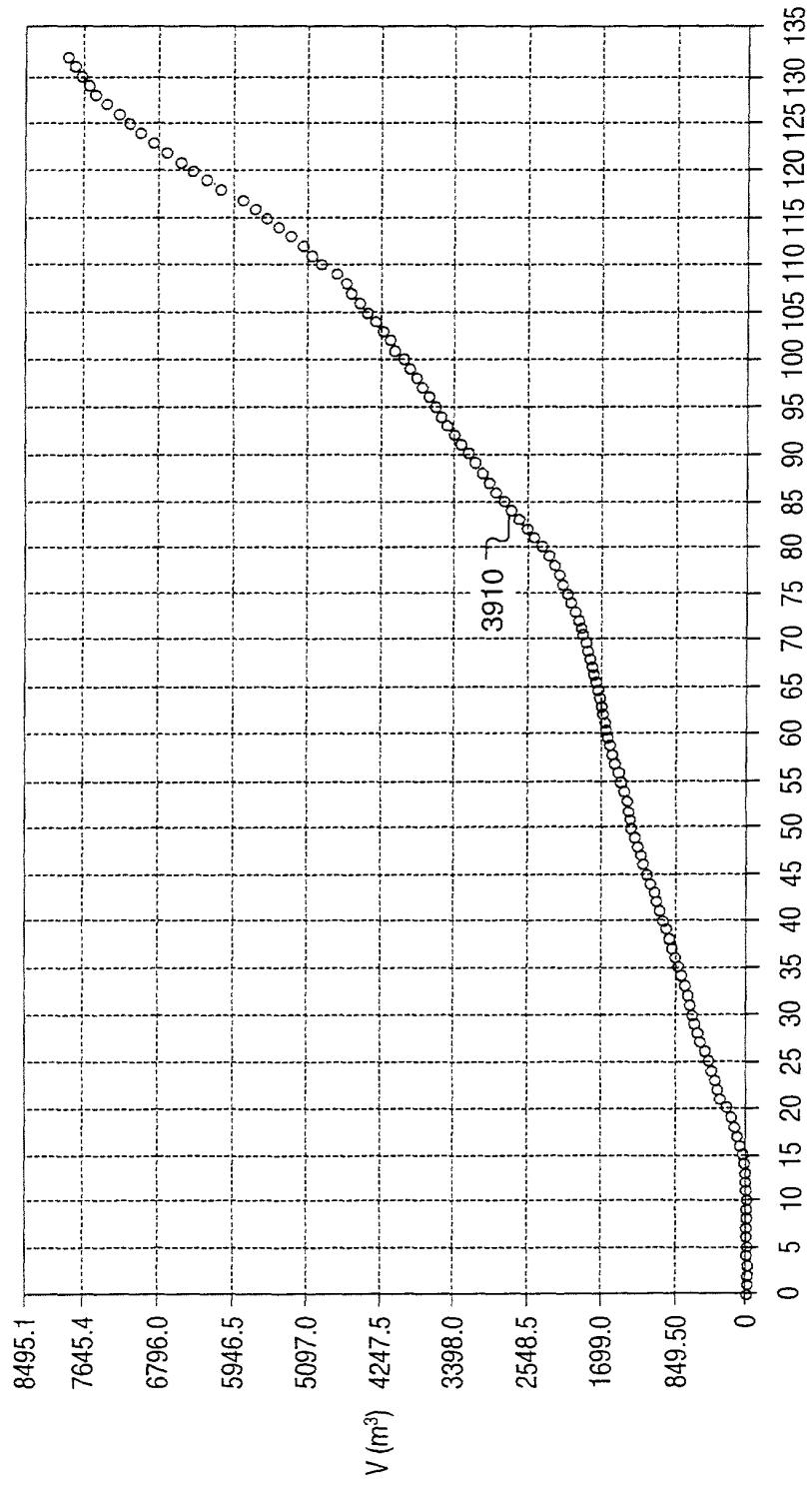


FIG. 149



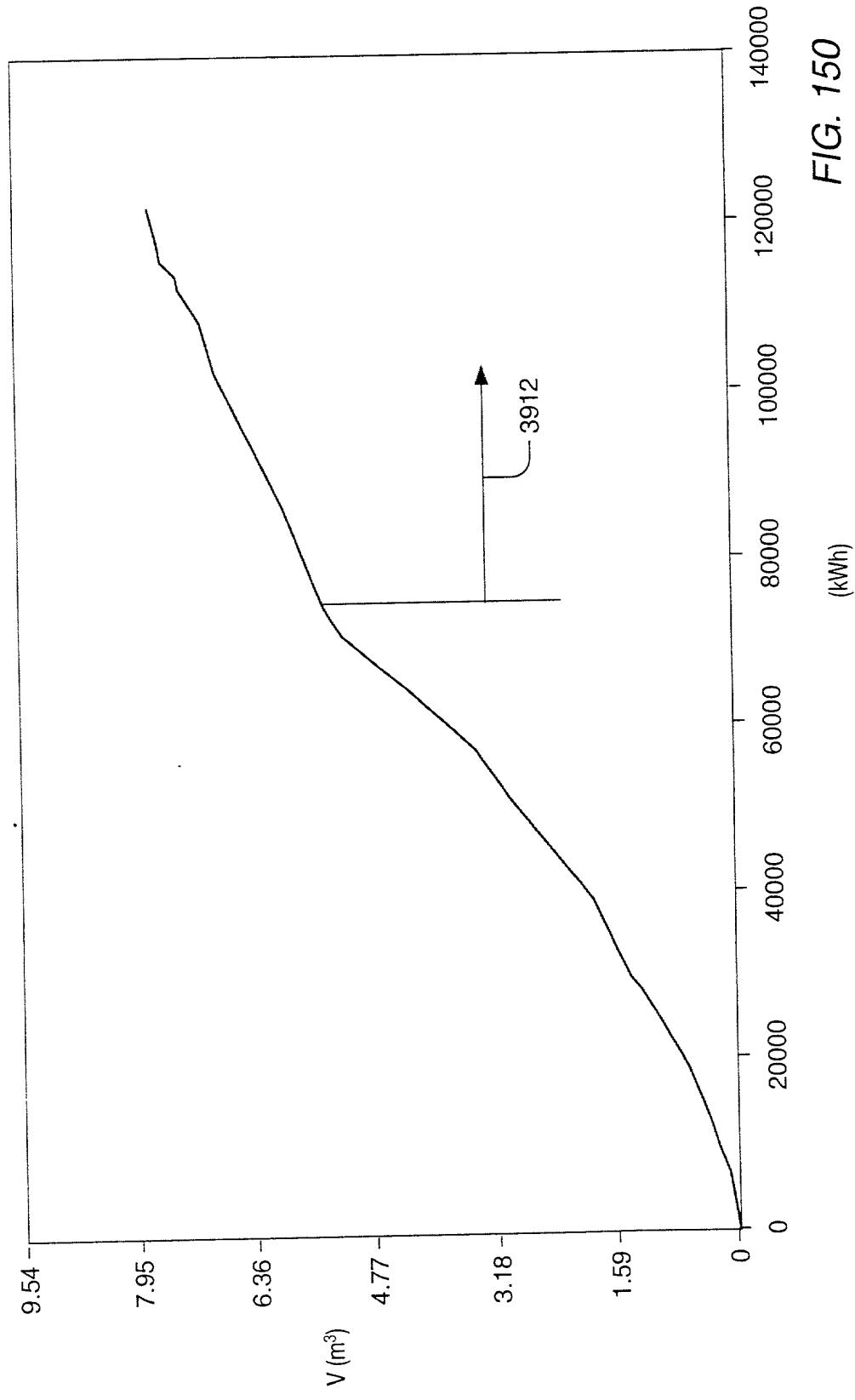


FIG. 150

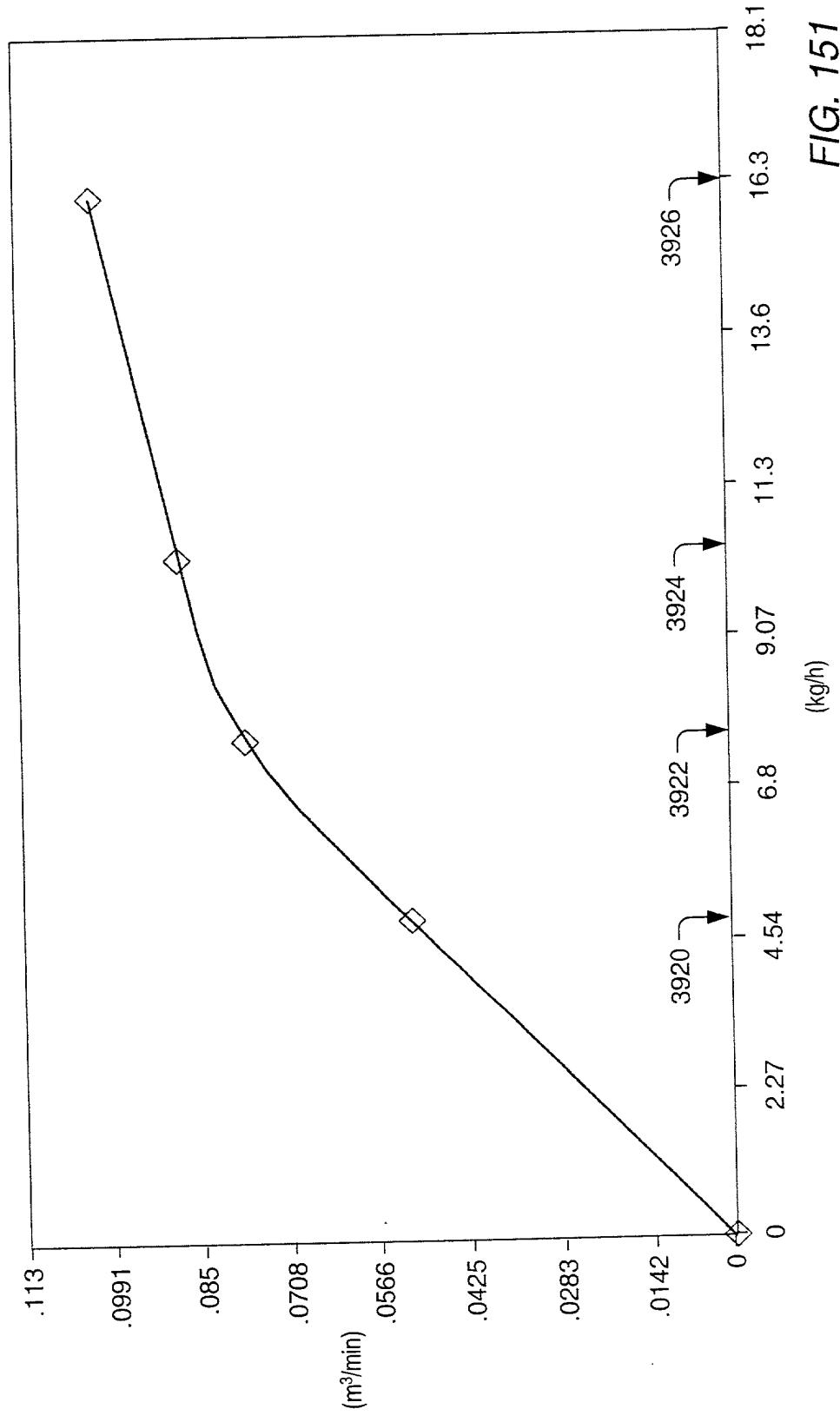


FIG. 151

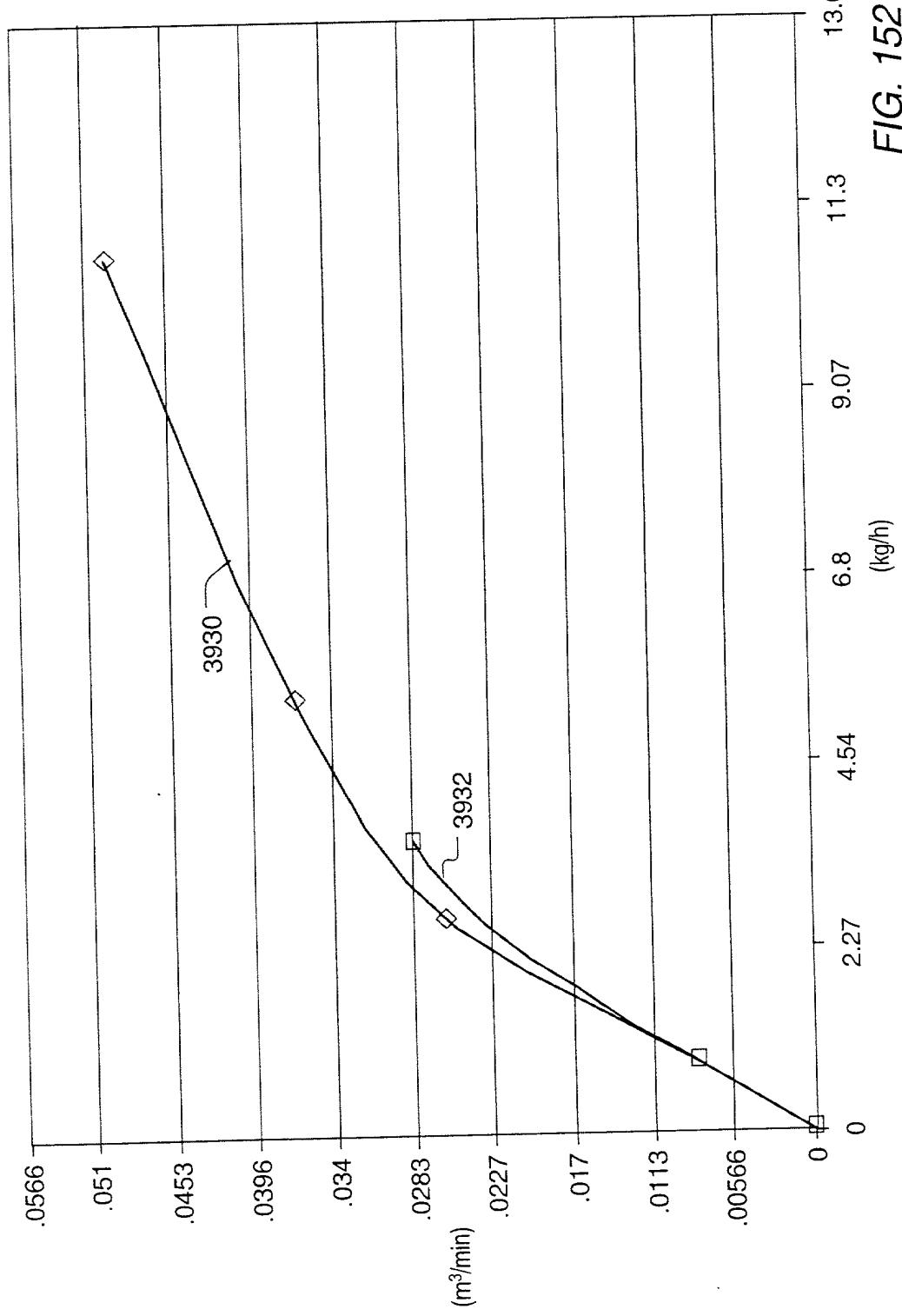


FIG. 152

FIG. 153

Methane Injection Rate (m^3/hr)

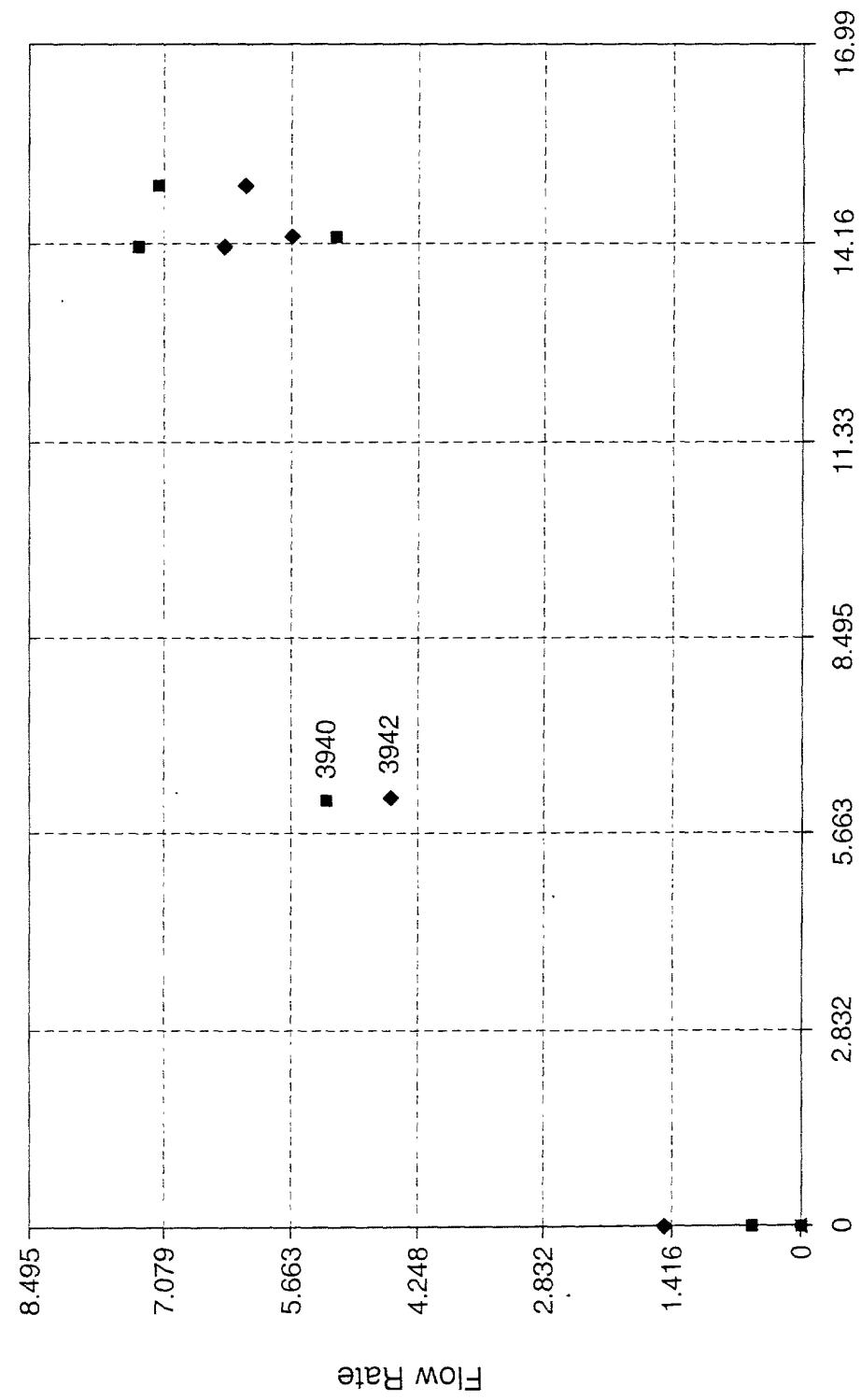
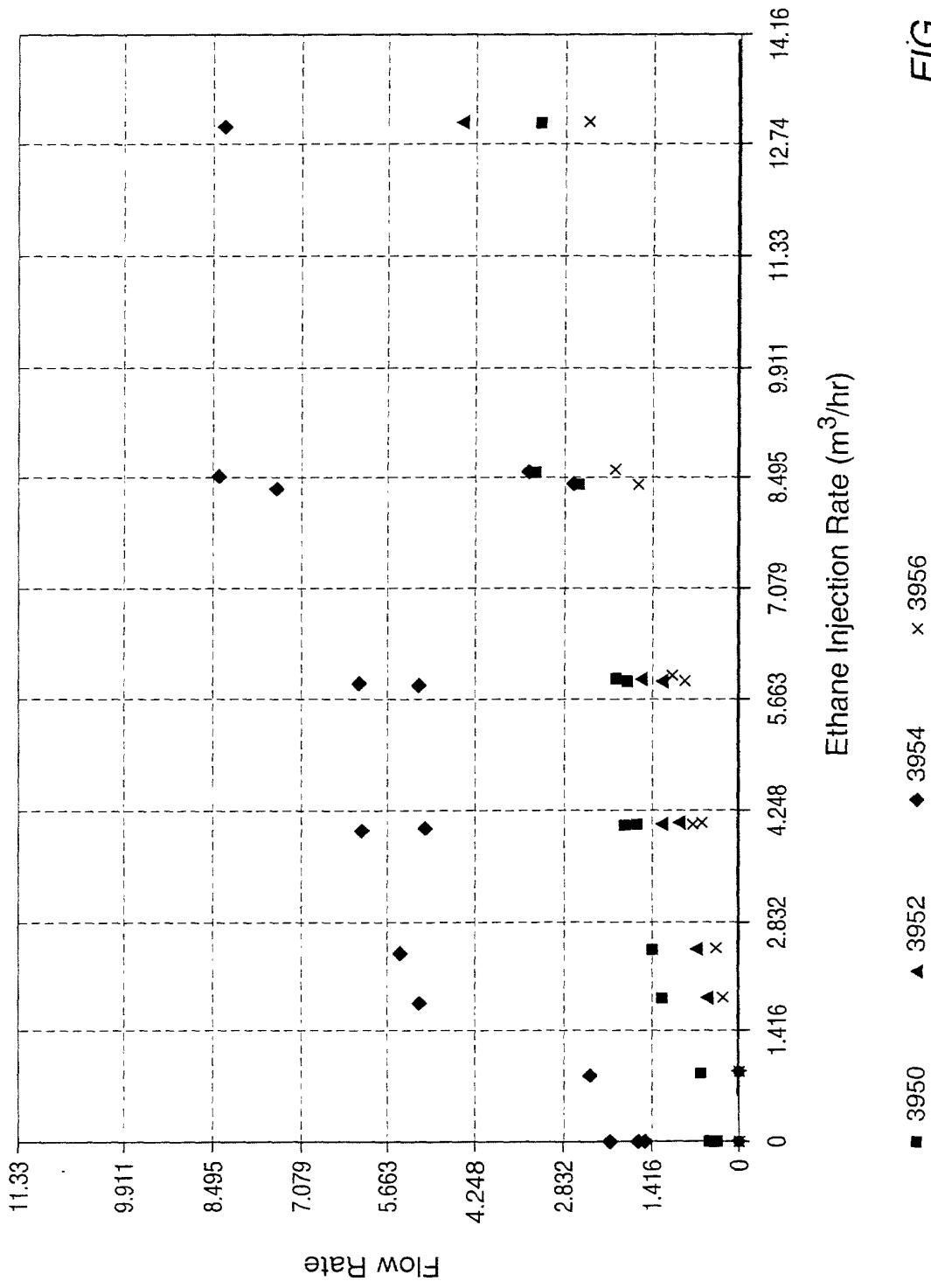


FIG. 154

Ethane Injection Rate (m^3/hr)



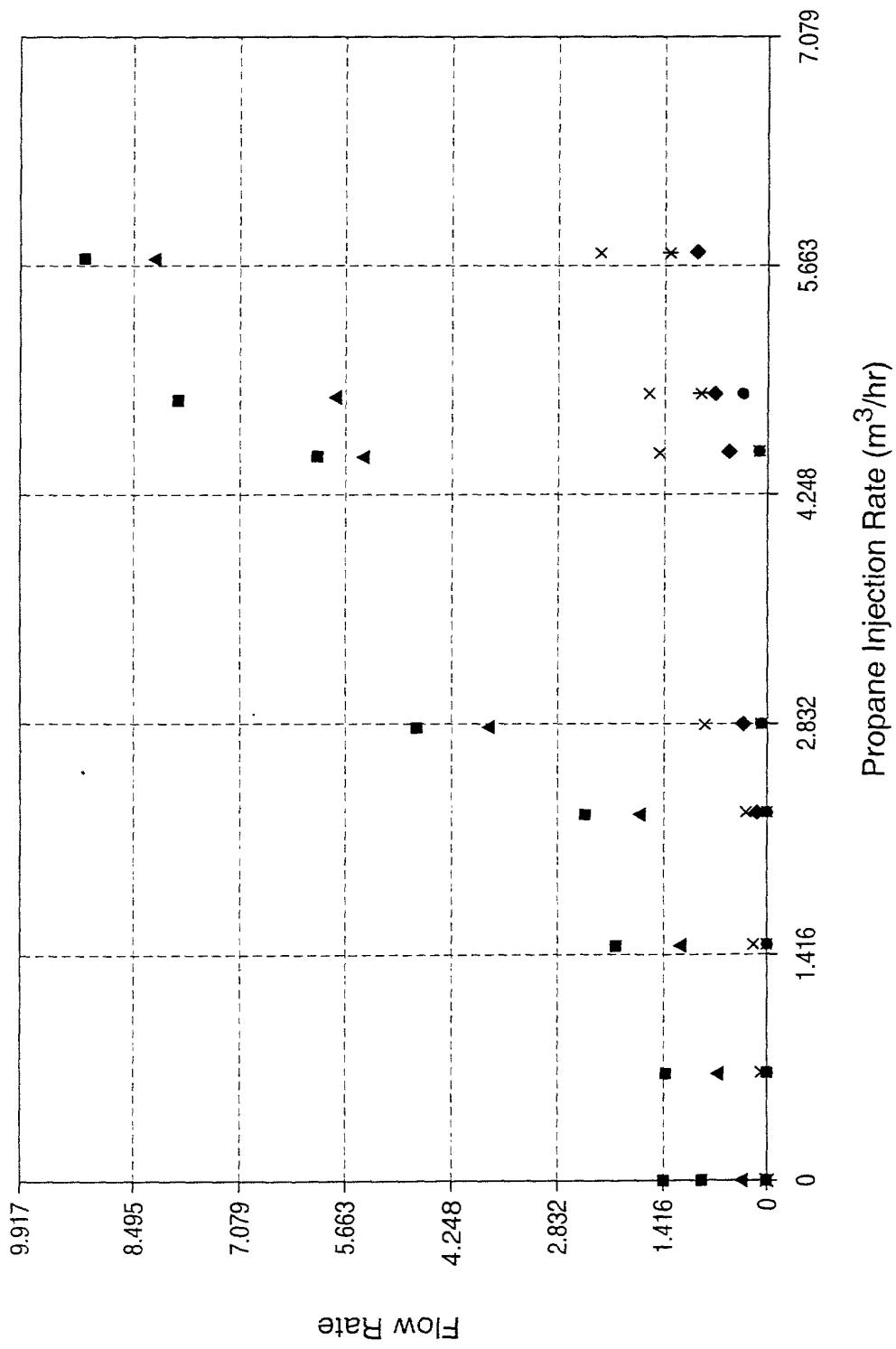
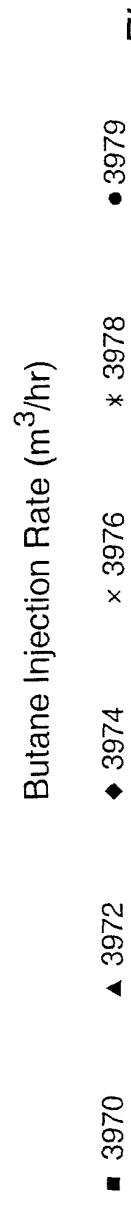


FIG. 155
■ 3960 ▲ 3962 ◆ 3964 × 3966 ● 3968

FIG. 156



FLOW RATE

FIG. 157

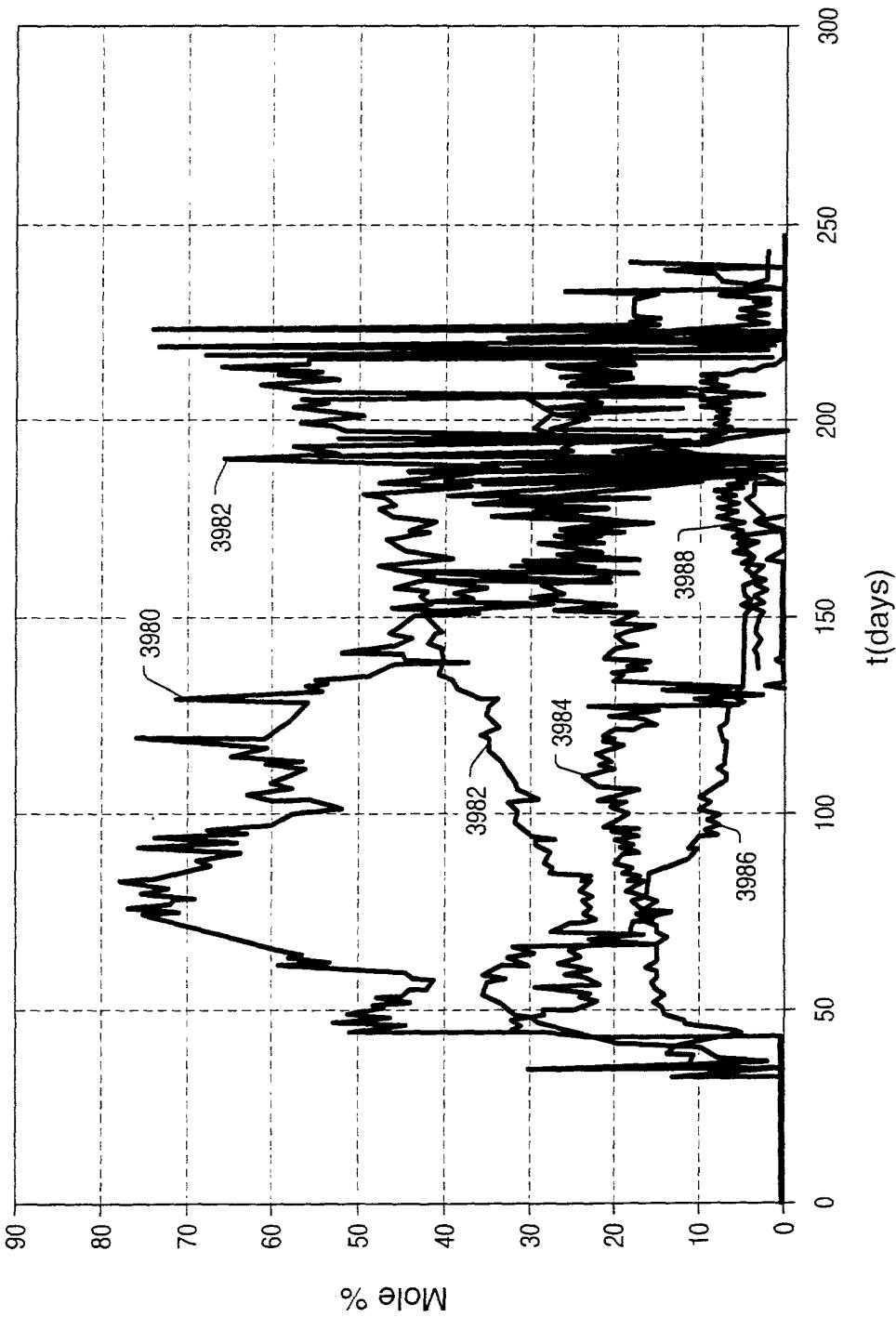


FIG. 158

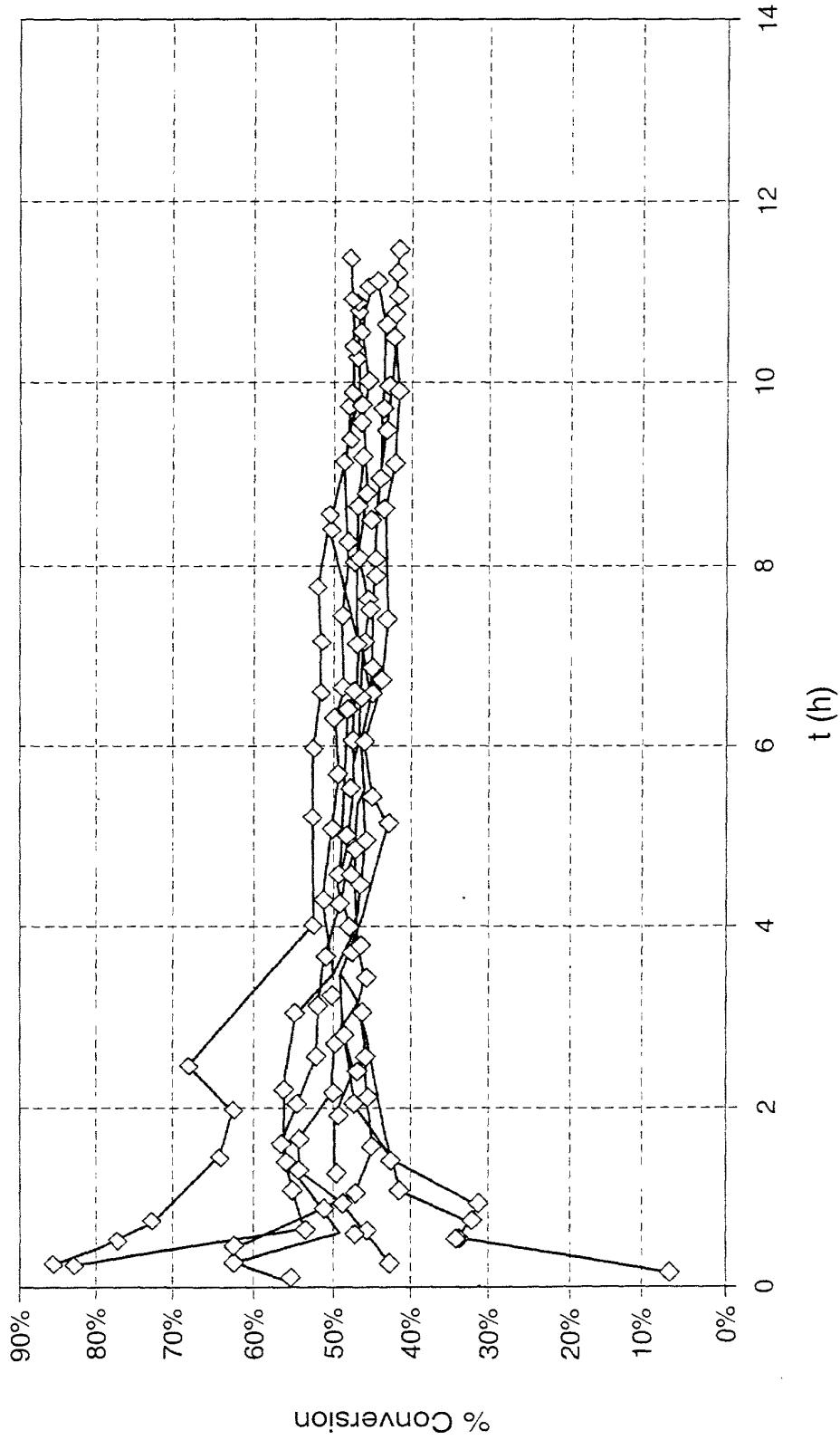


FIG. 159

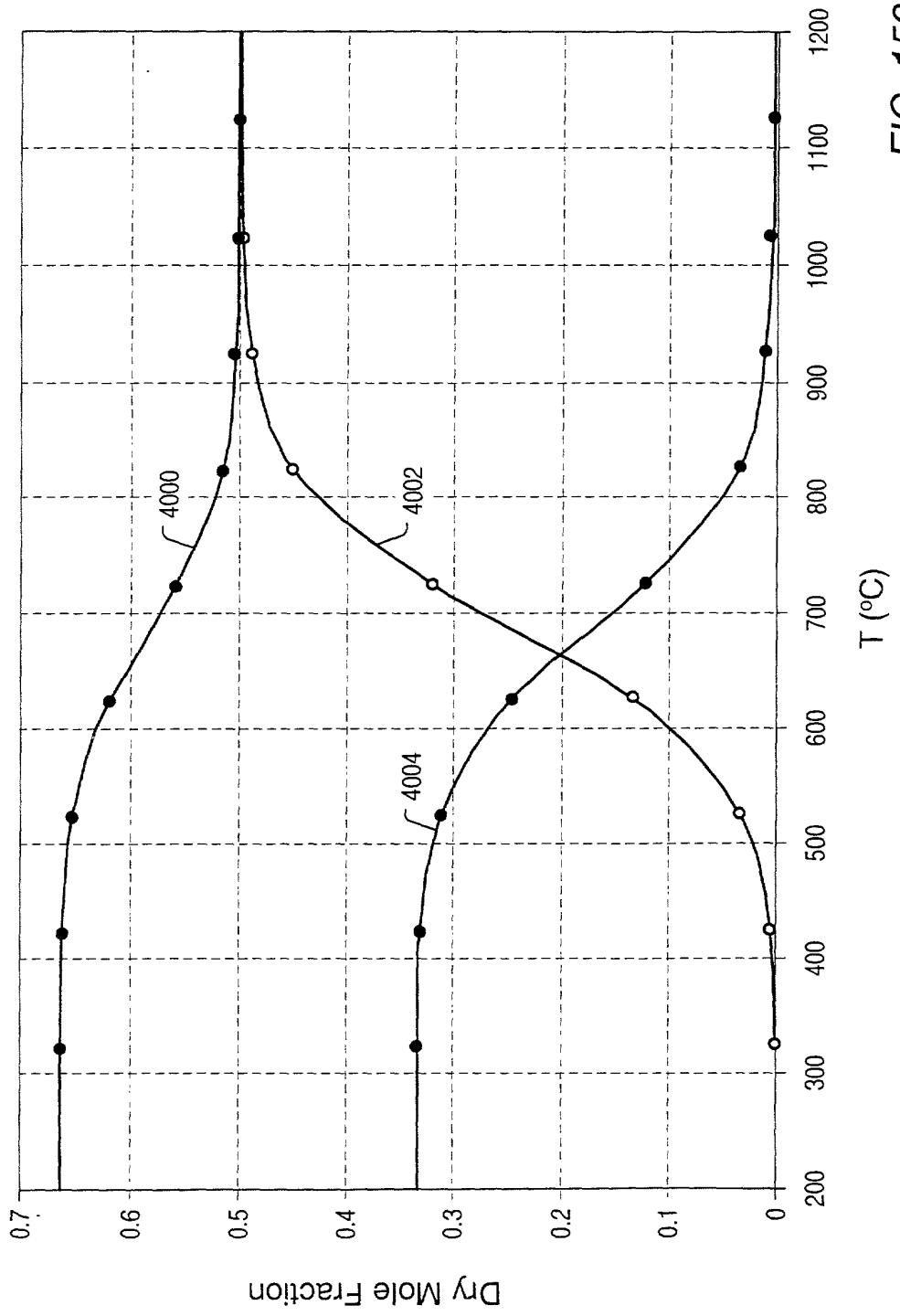
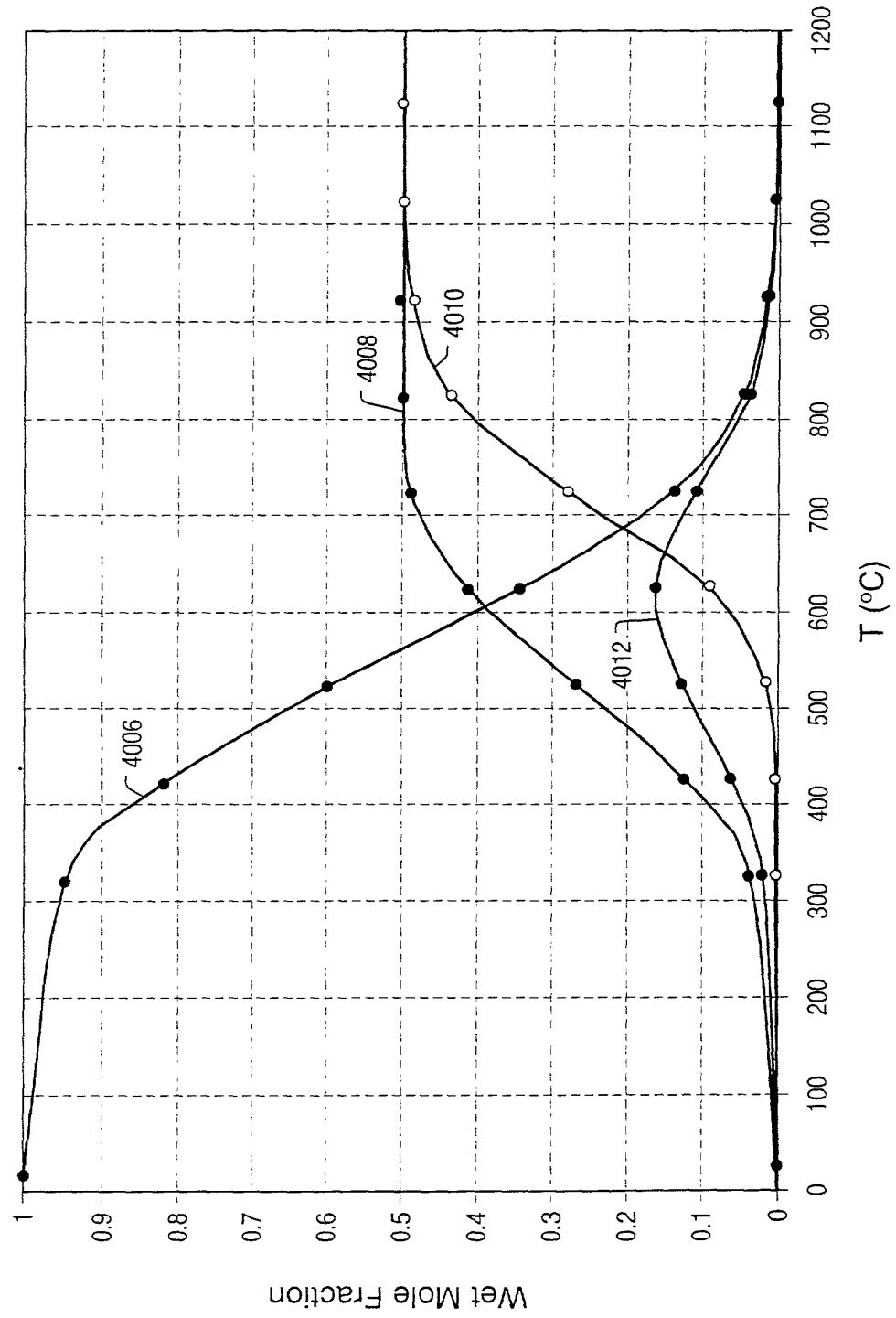


FIG. 160



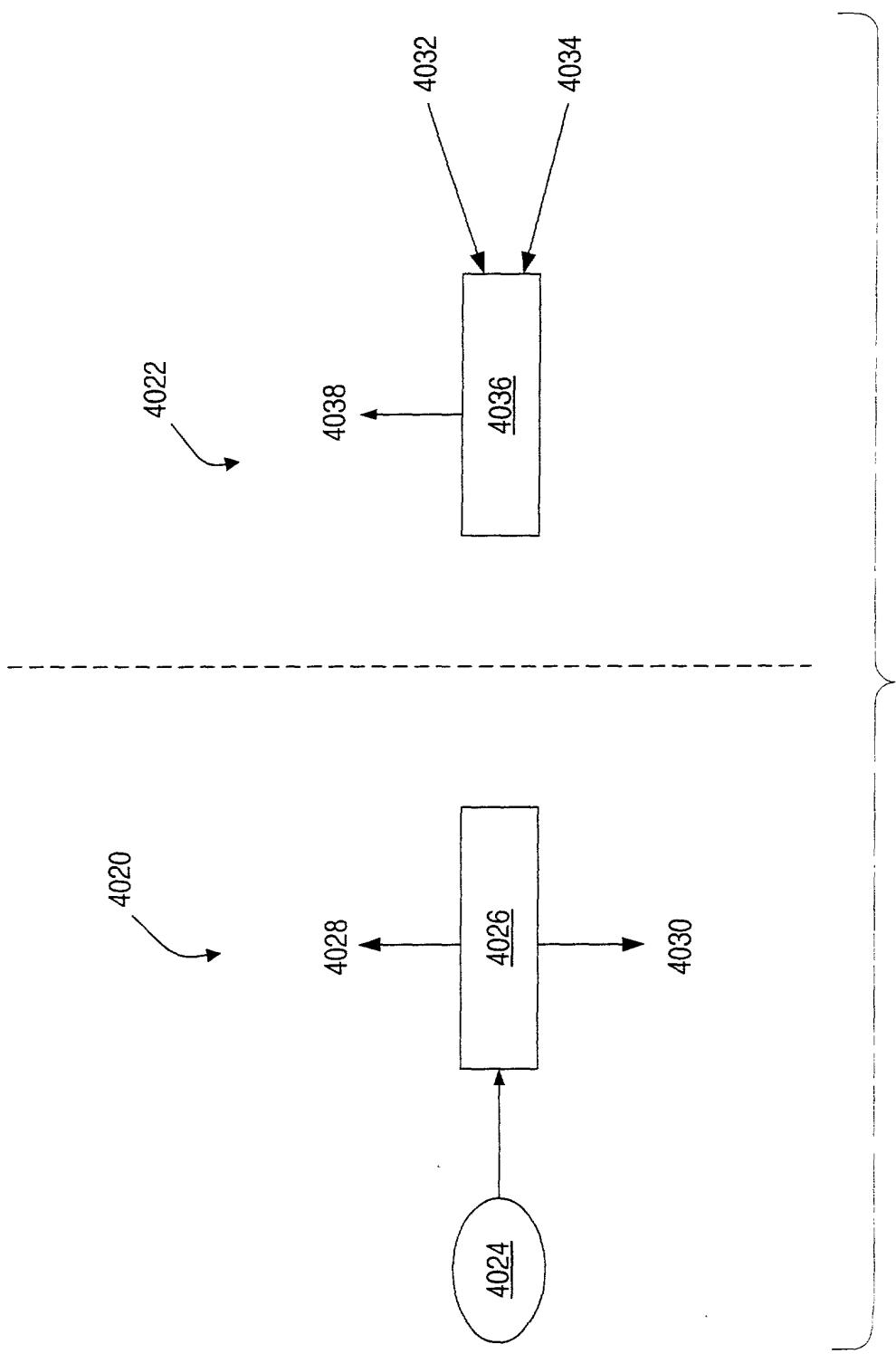


FIG. 161

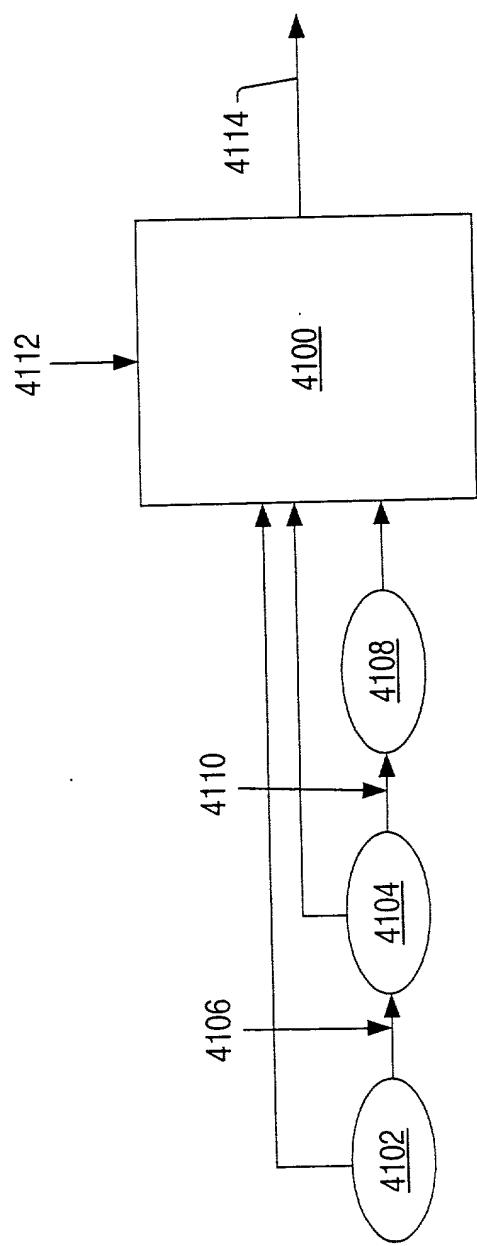


FIG. 162

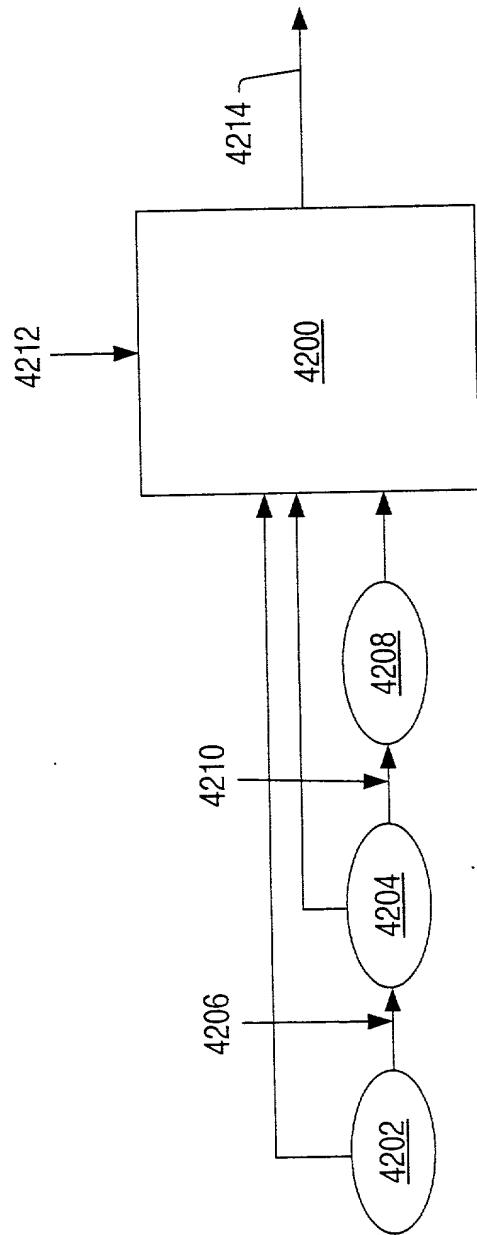


FIG. 163

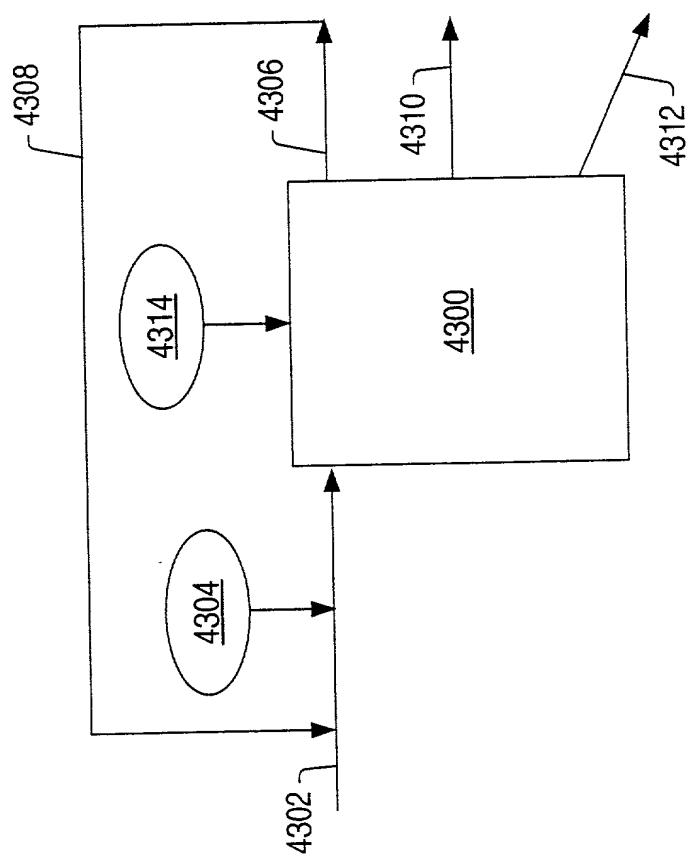
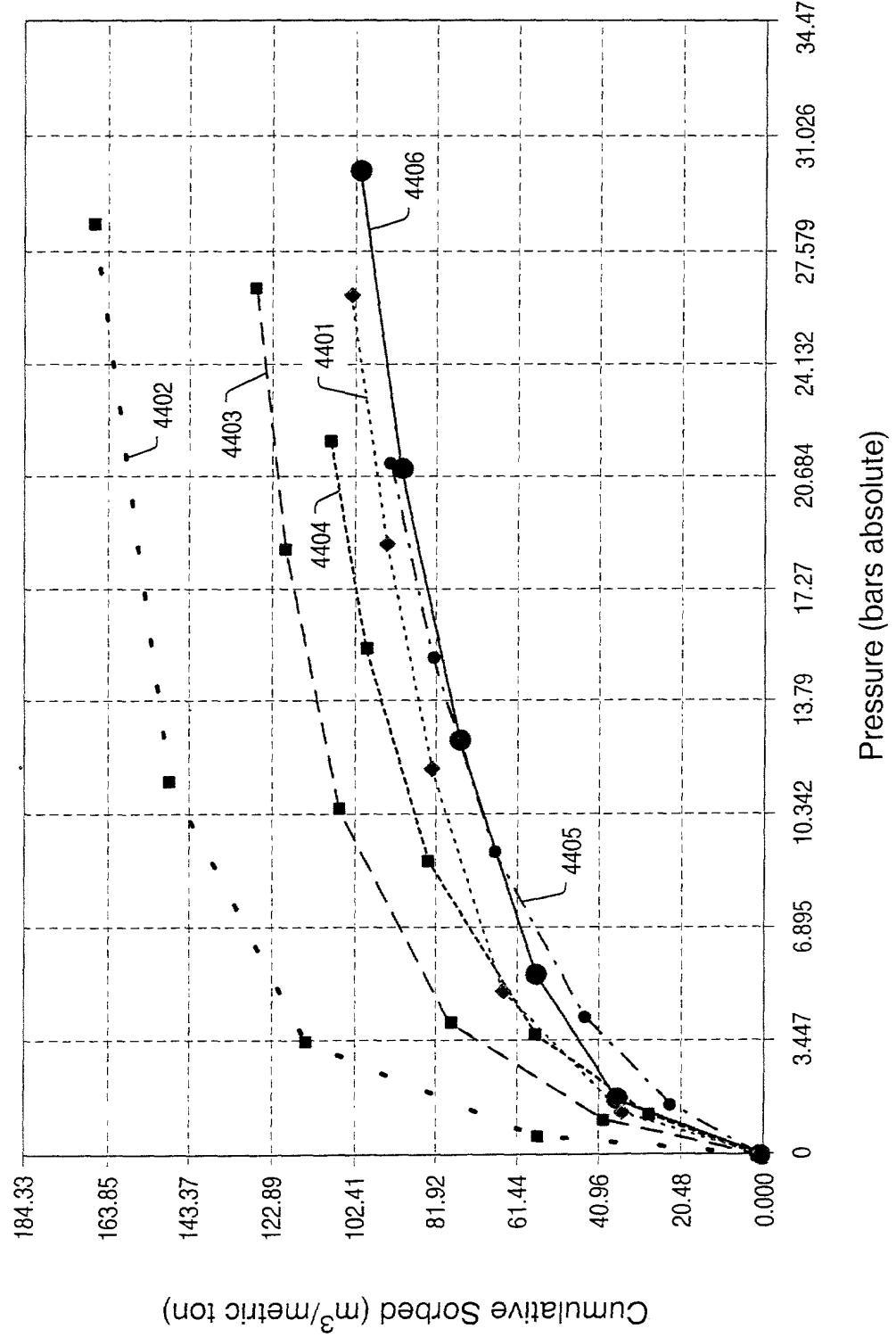


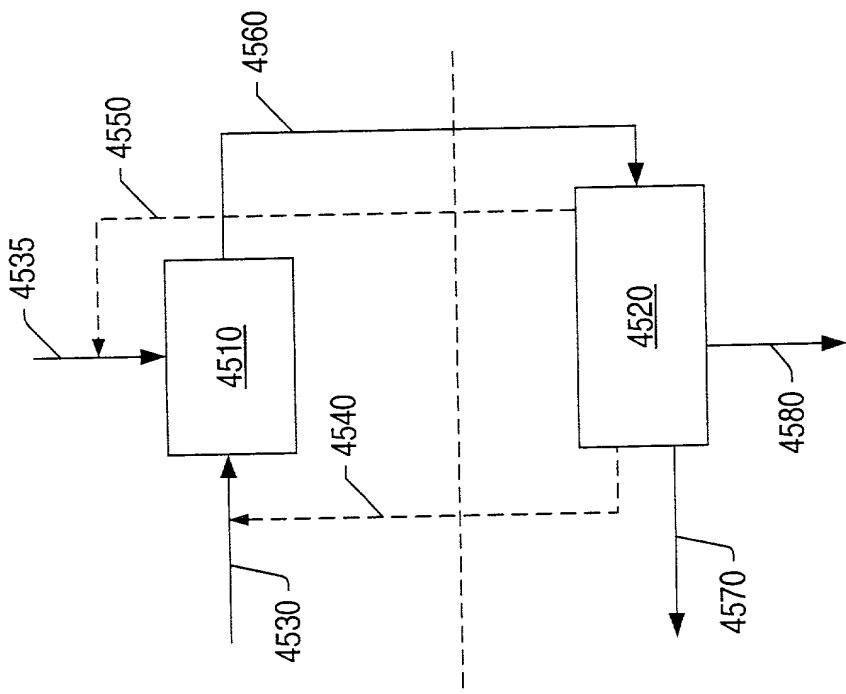
FIG. 164



Pressure (bars absolute)

FIG. 165

FIG. 166



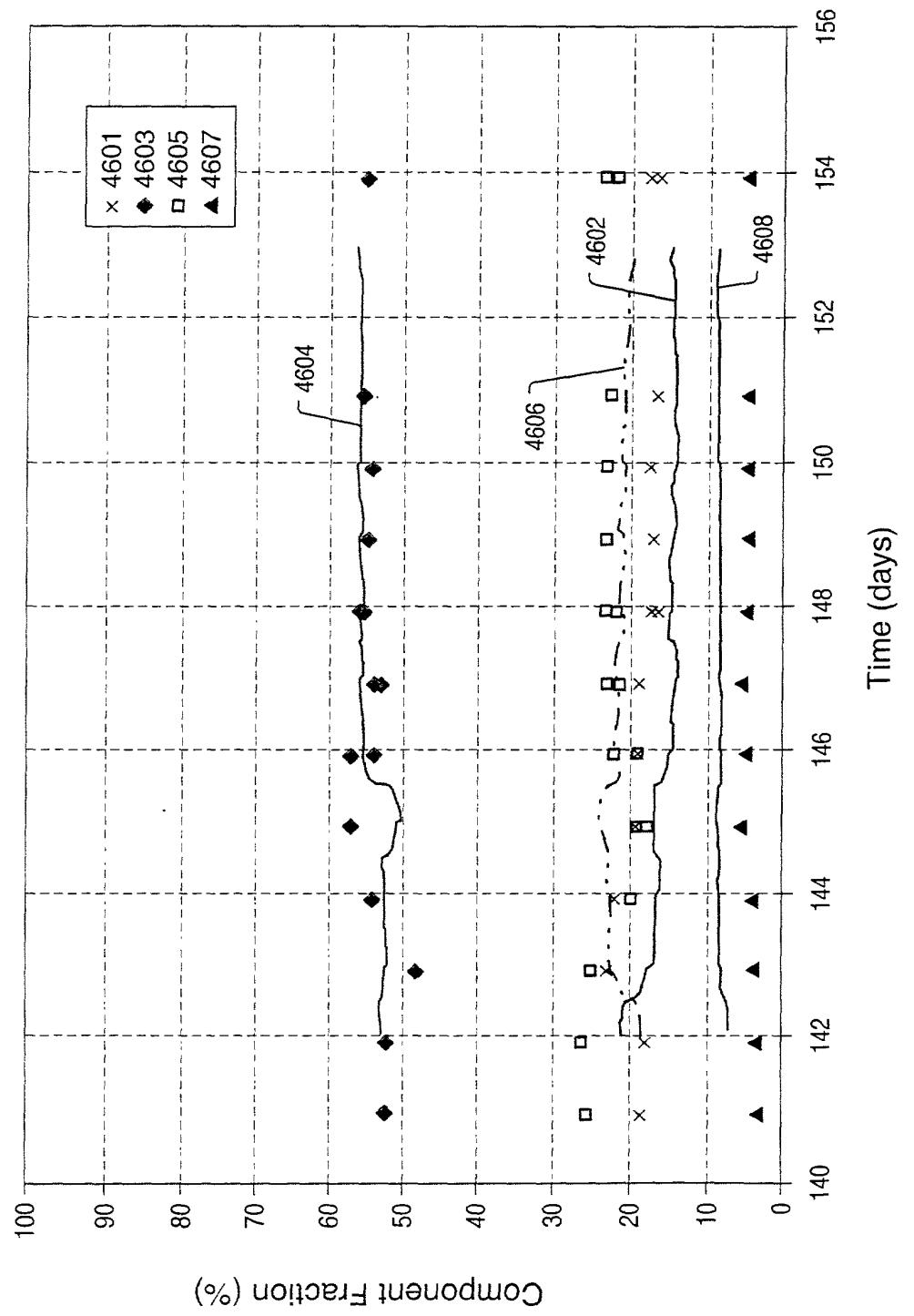


FIG. 167

FIG. 168

Carbon Number

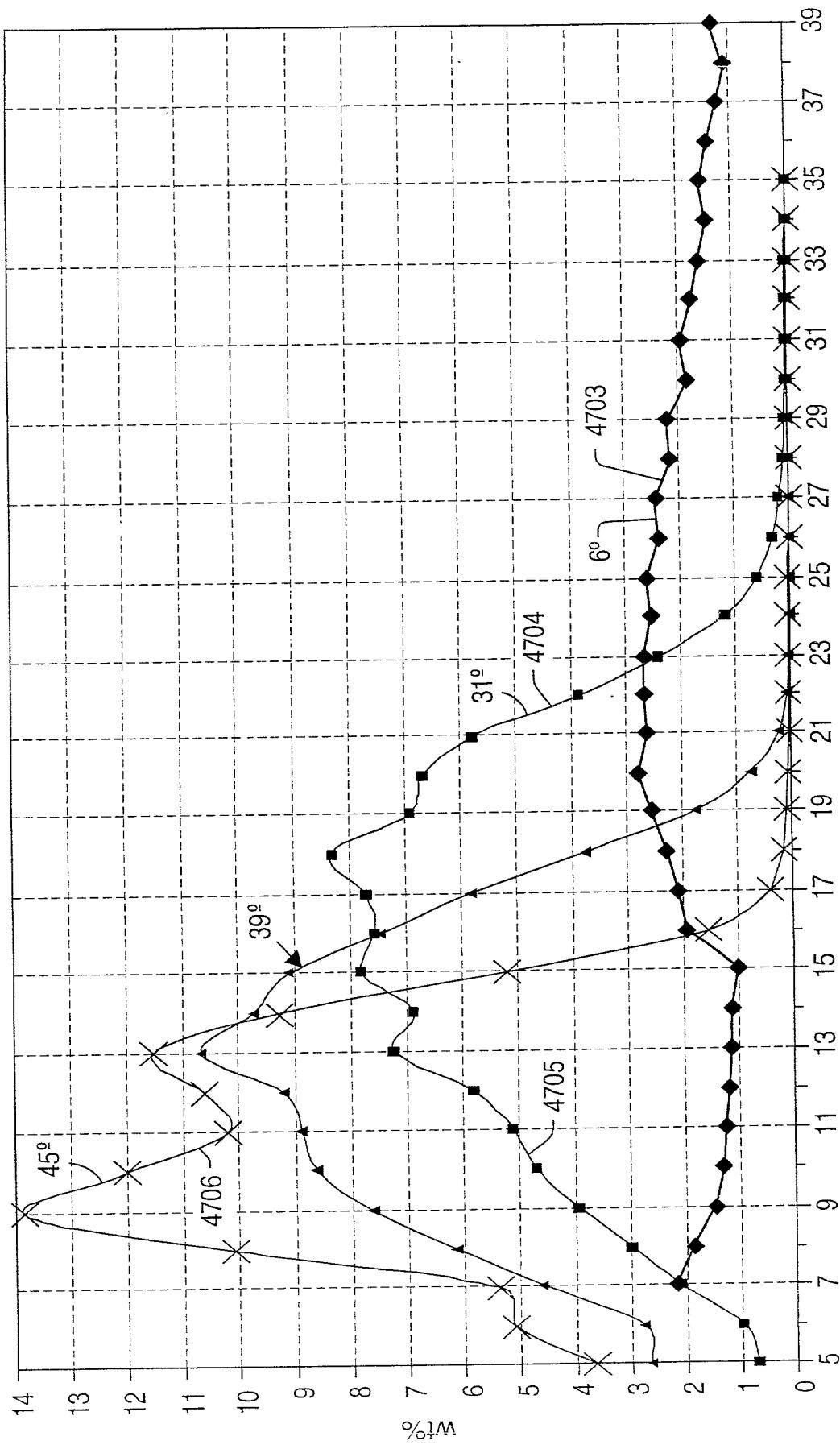


FIG. 169

4716
4714
4712
4710

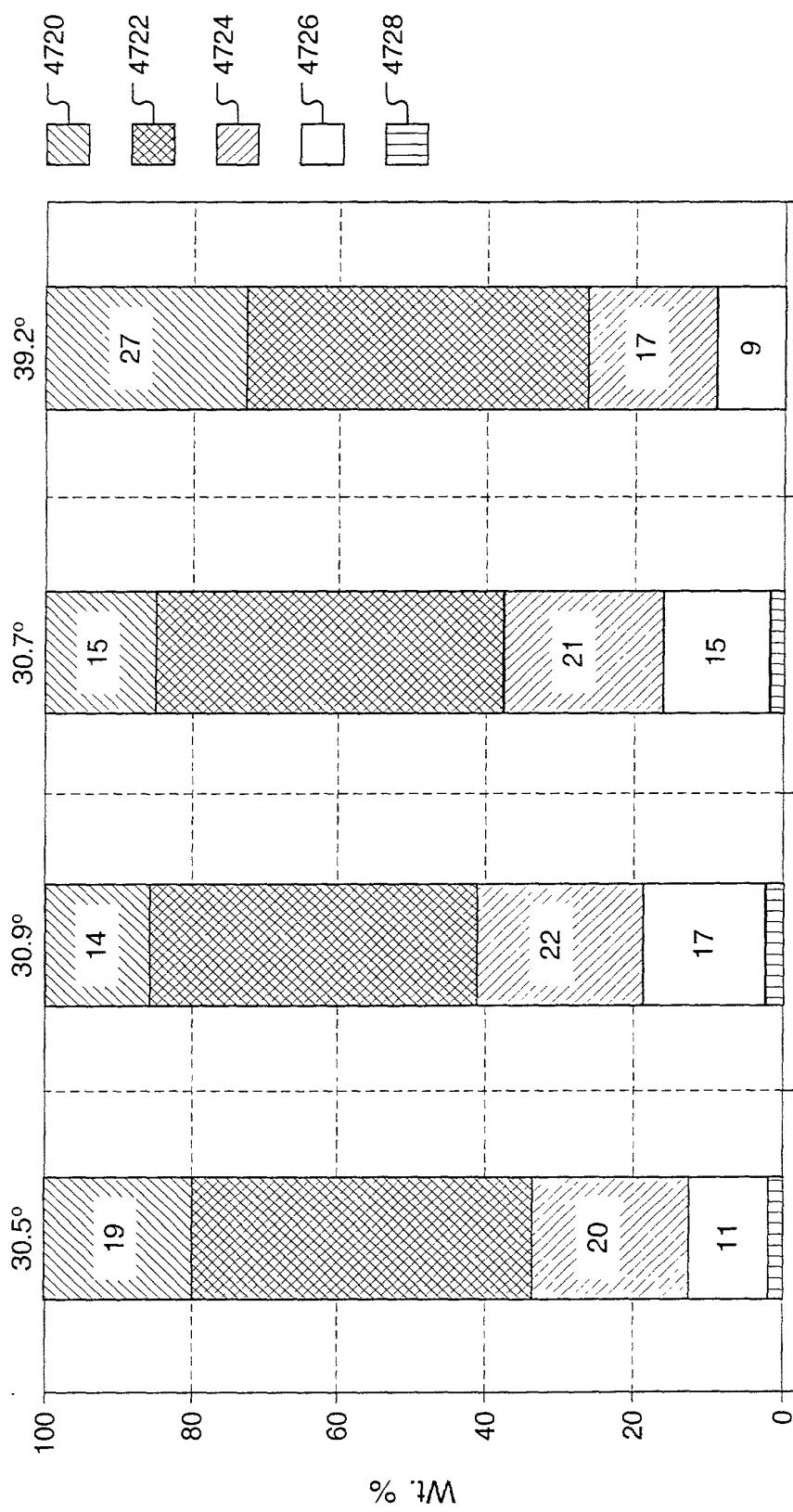
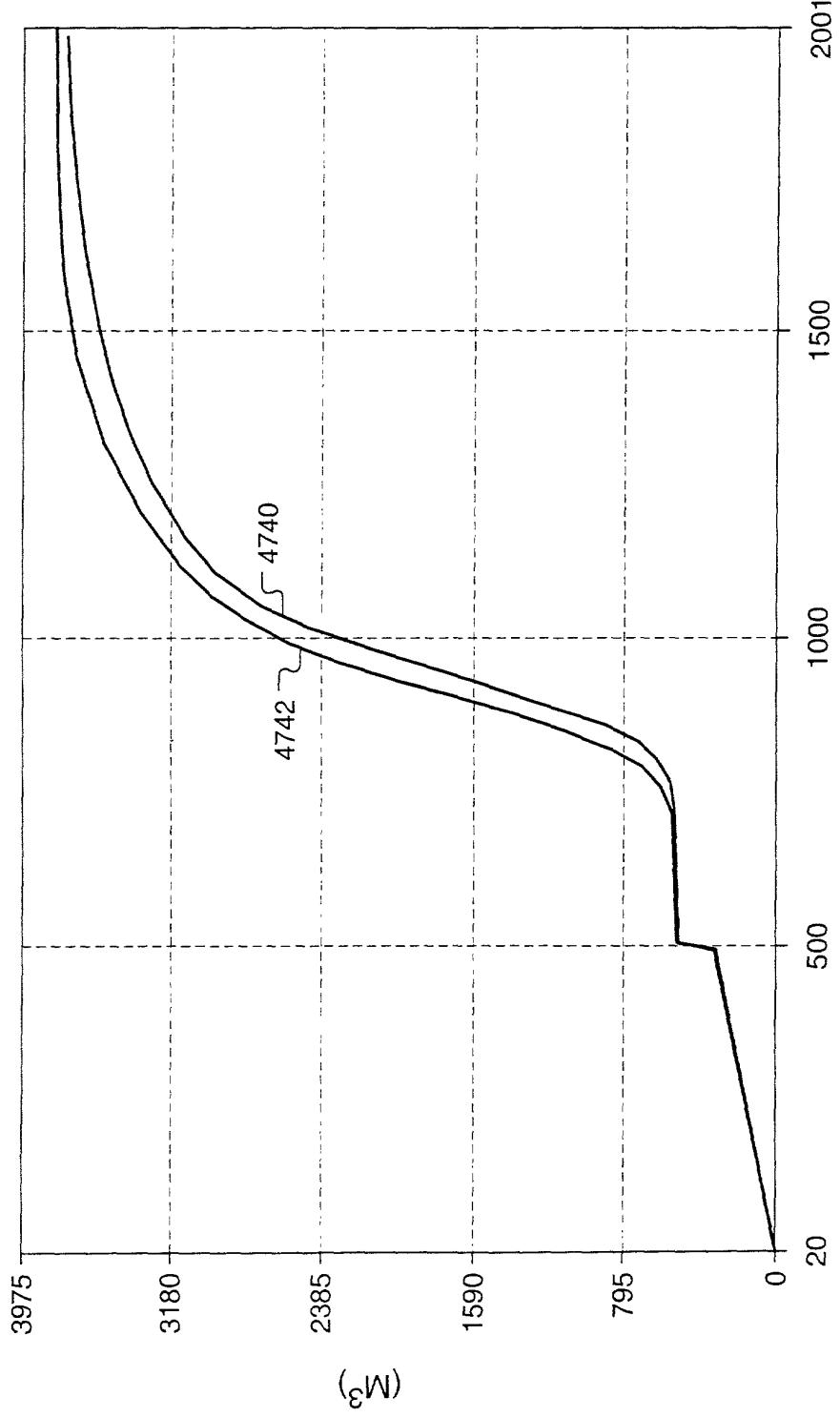


FIG. 170

time (days)



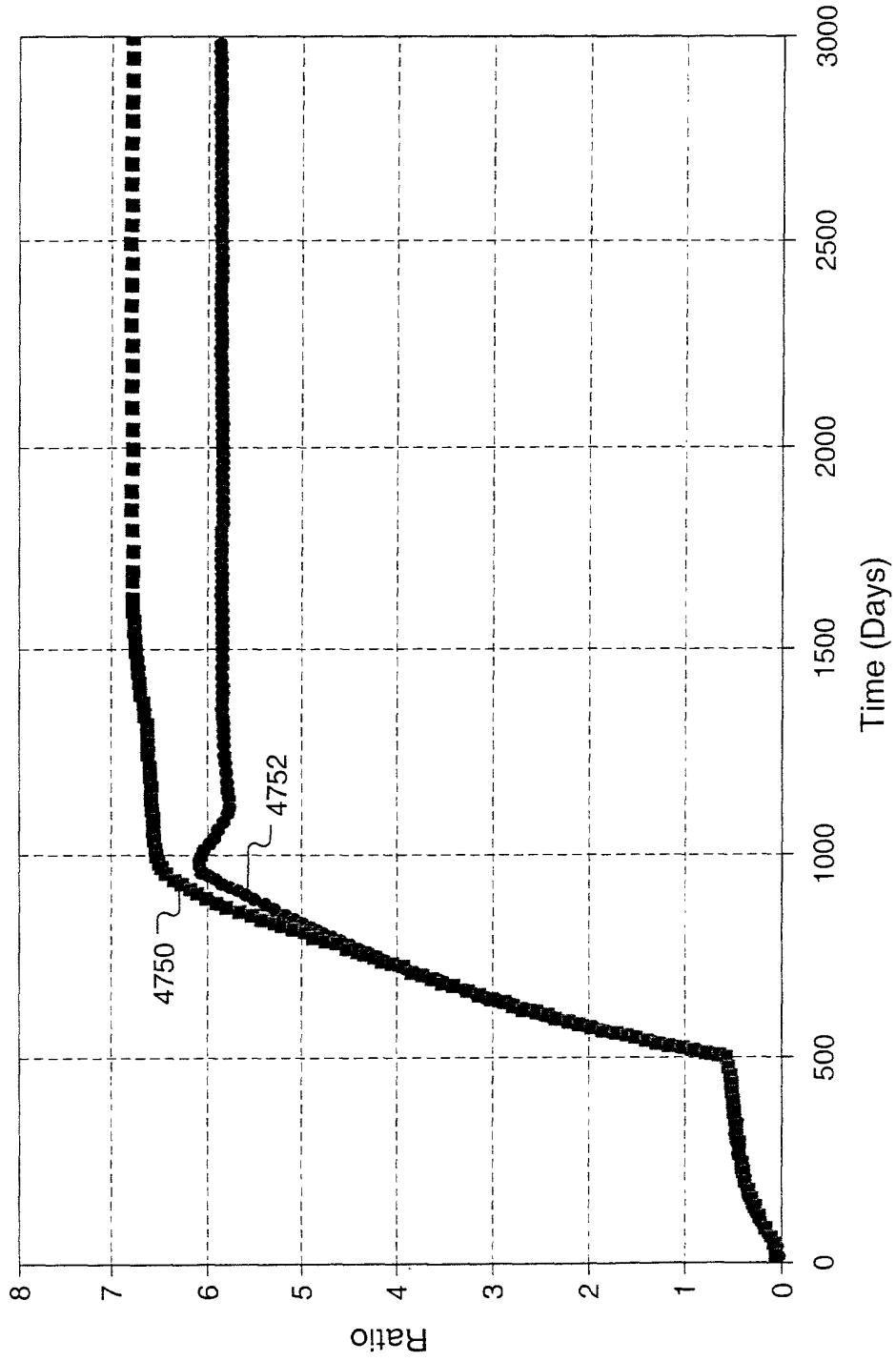


FIG. 171

FIG. 172

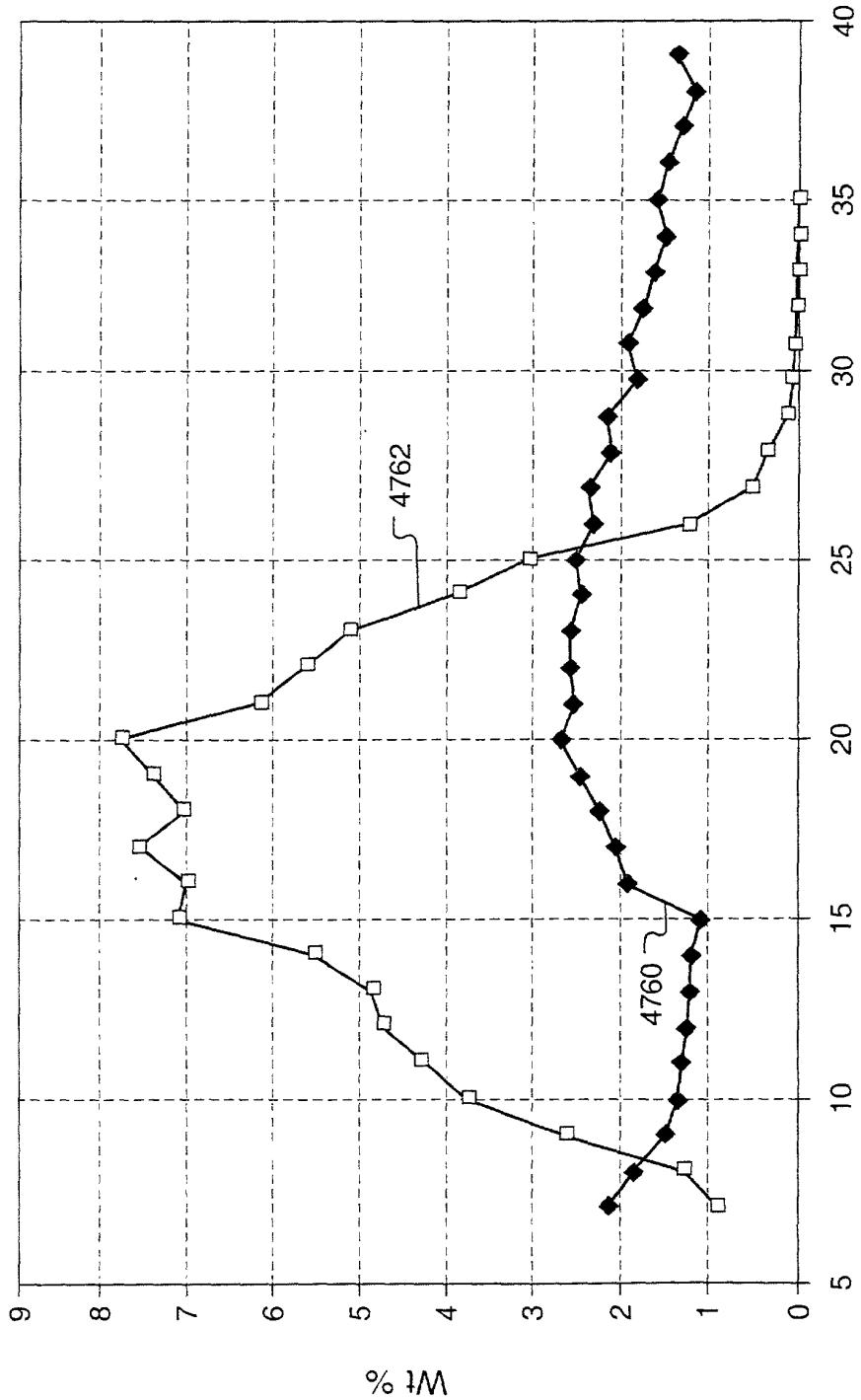


FIG. 173

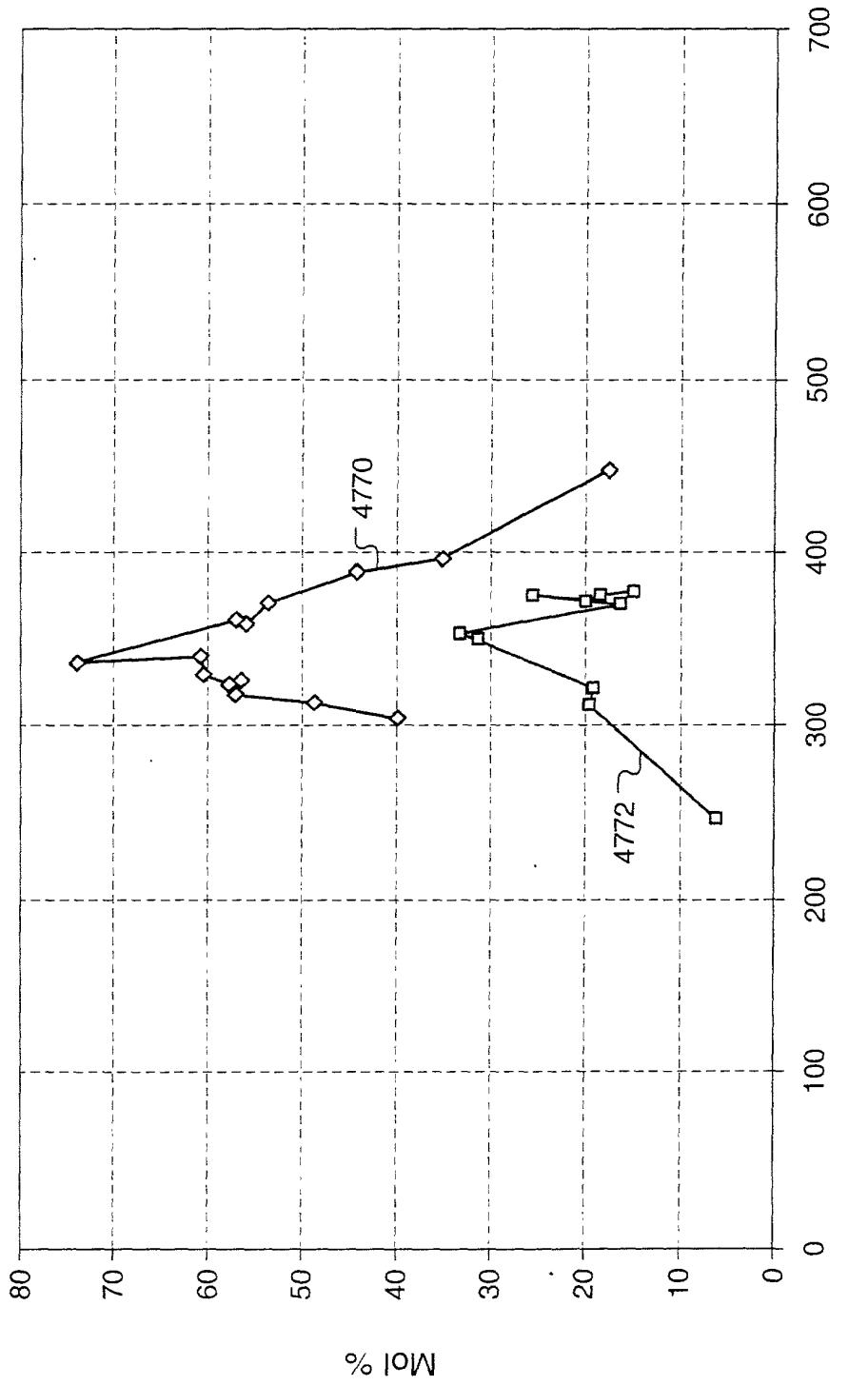


FIG. 174

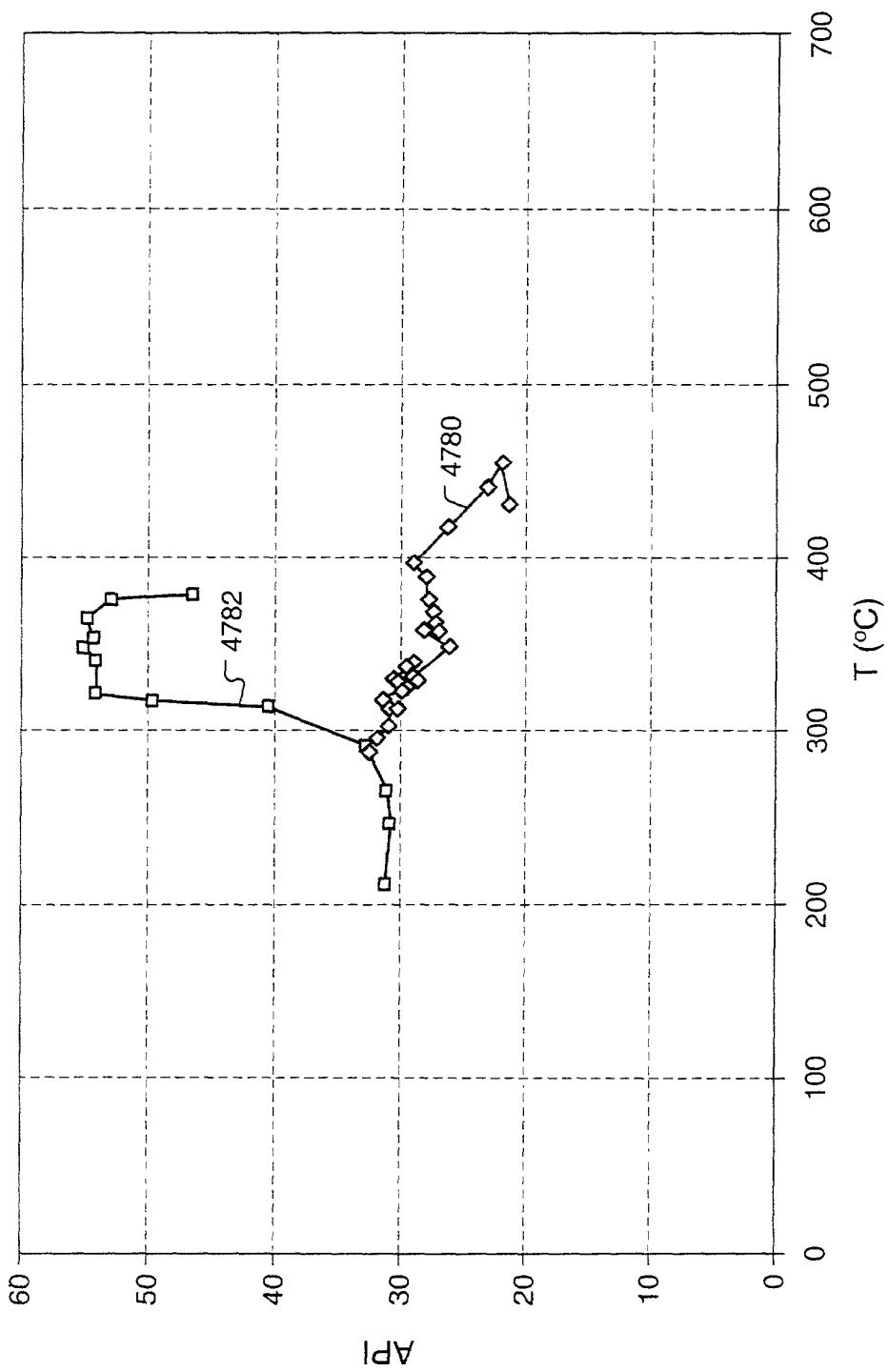


FIG. 175
Days From Start of Heat Injection

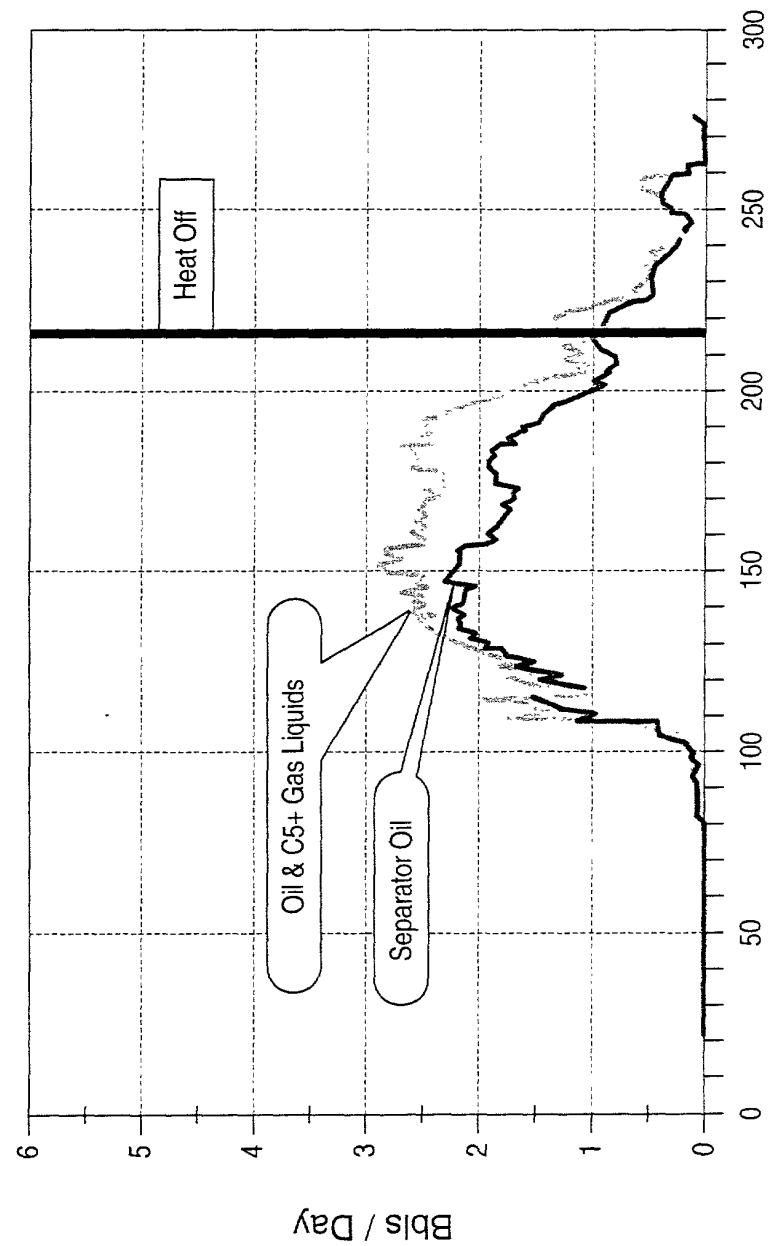
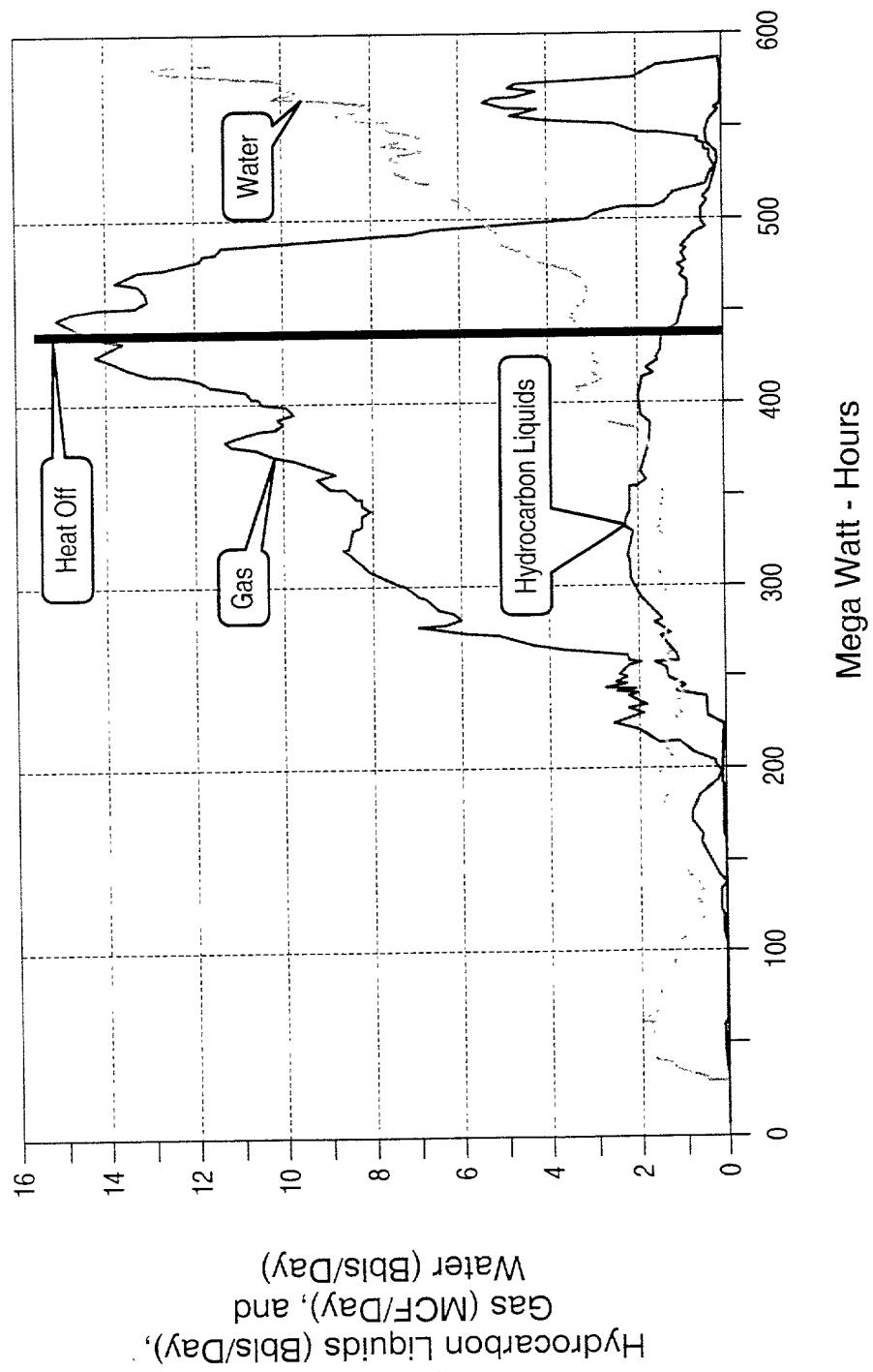


FIG. 176



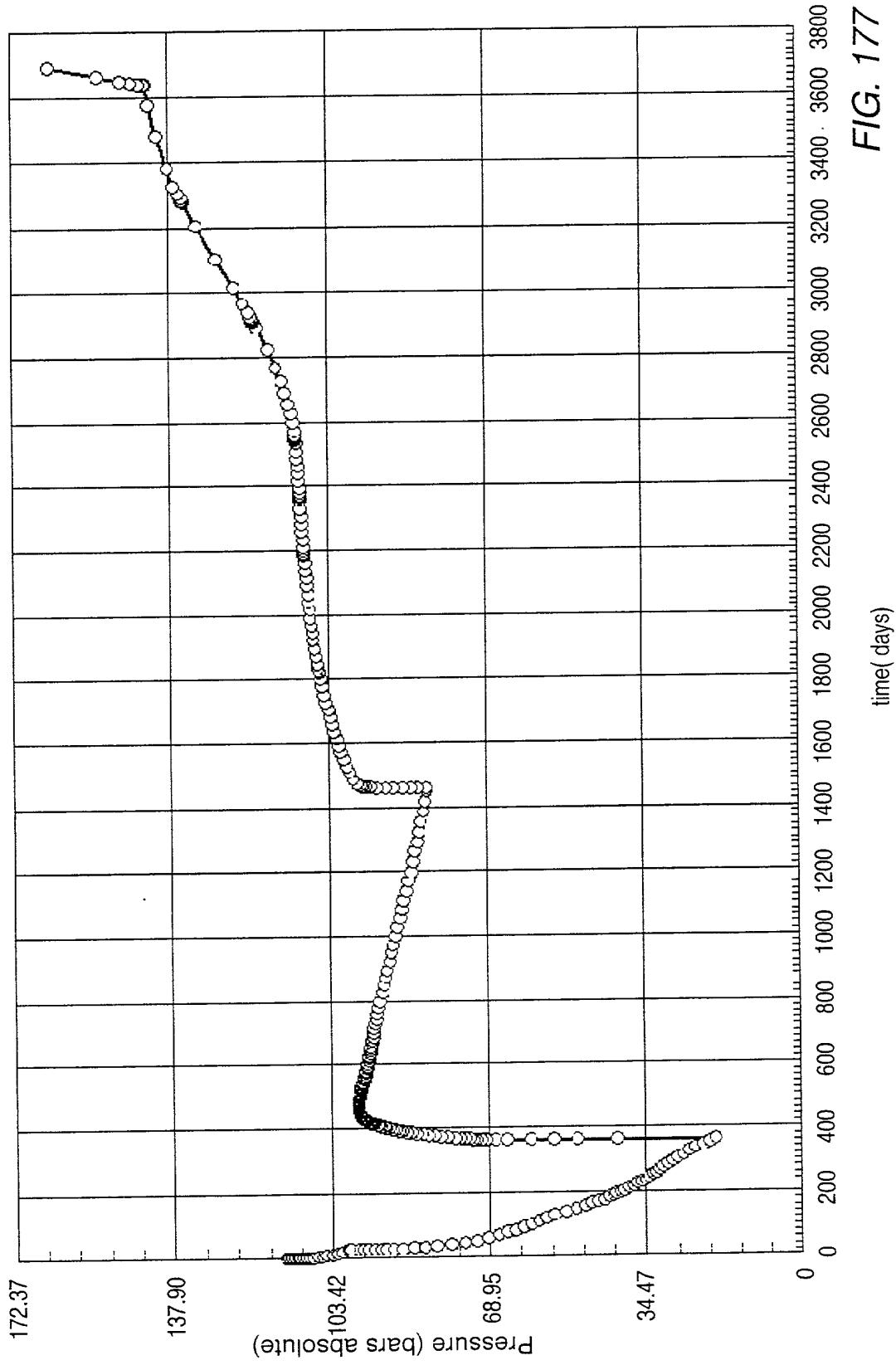


FIG. 177

time(days)

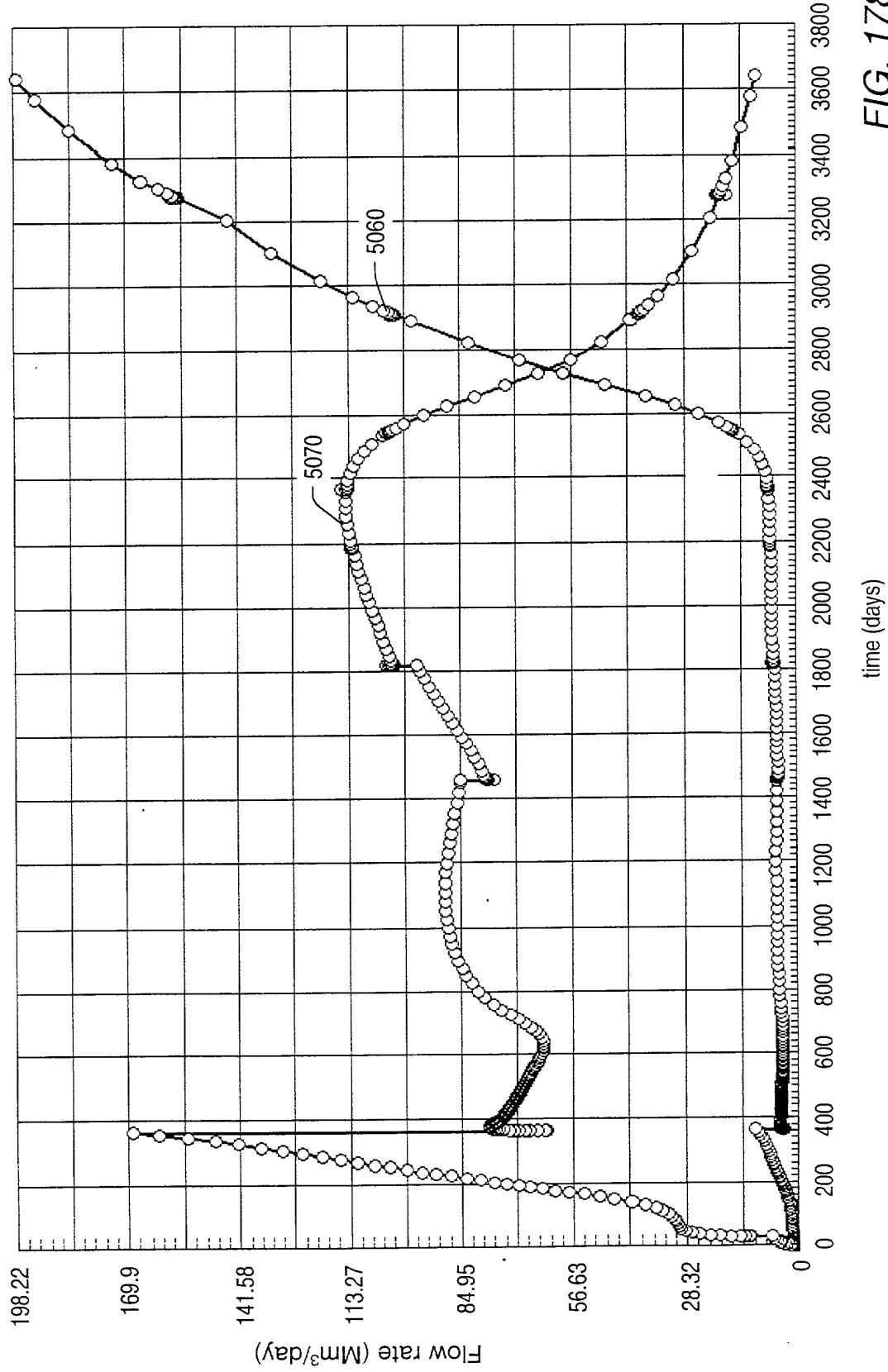


FIG. 178

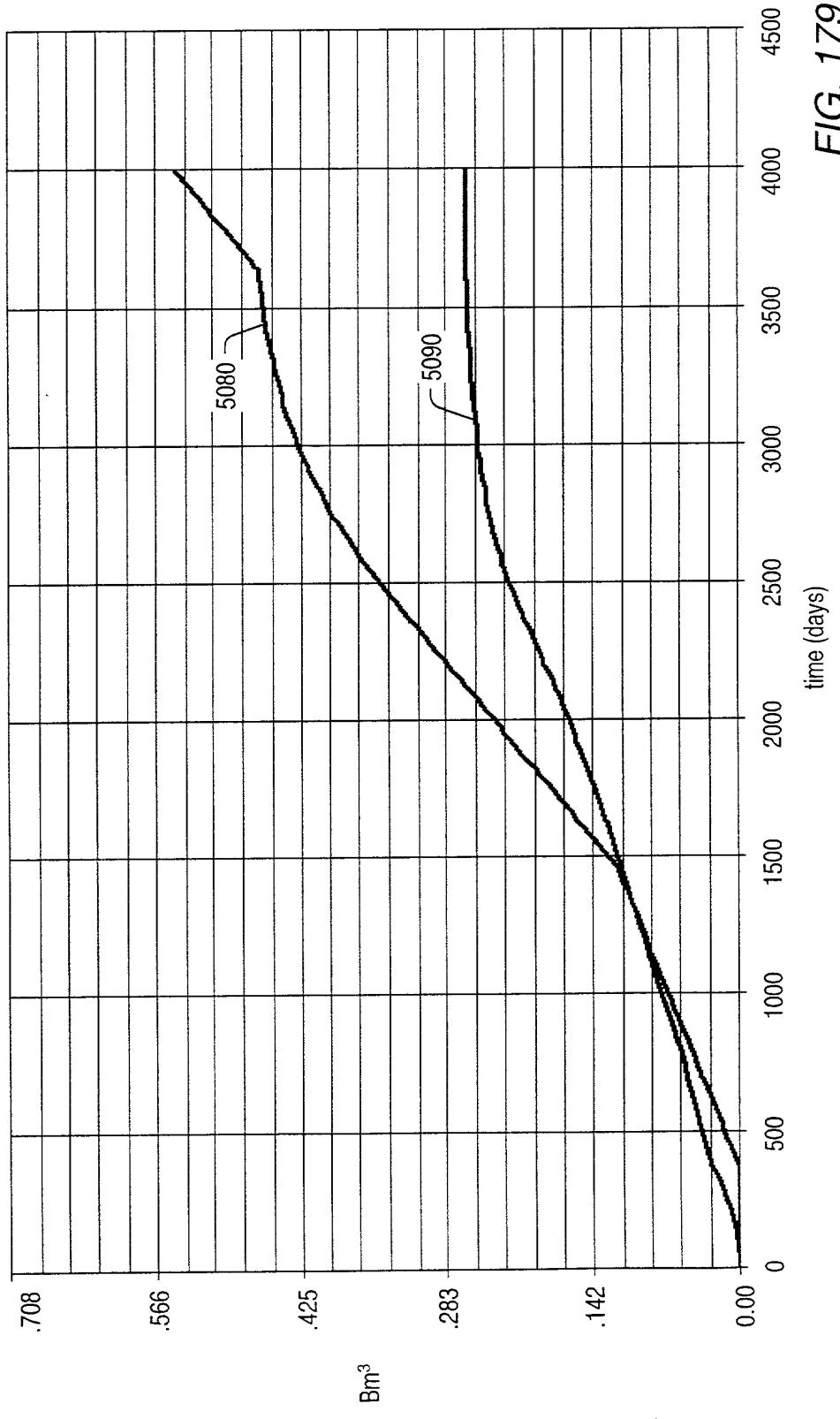
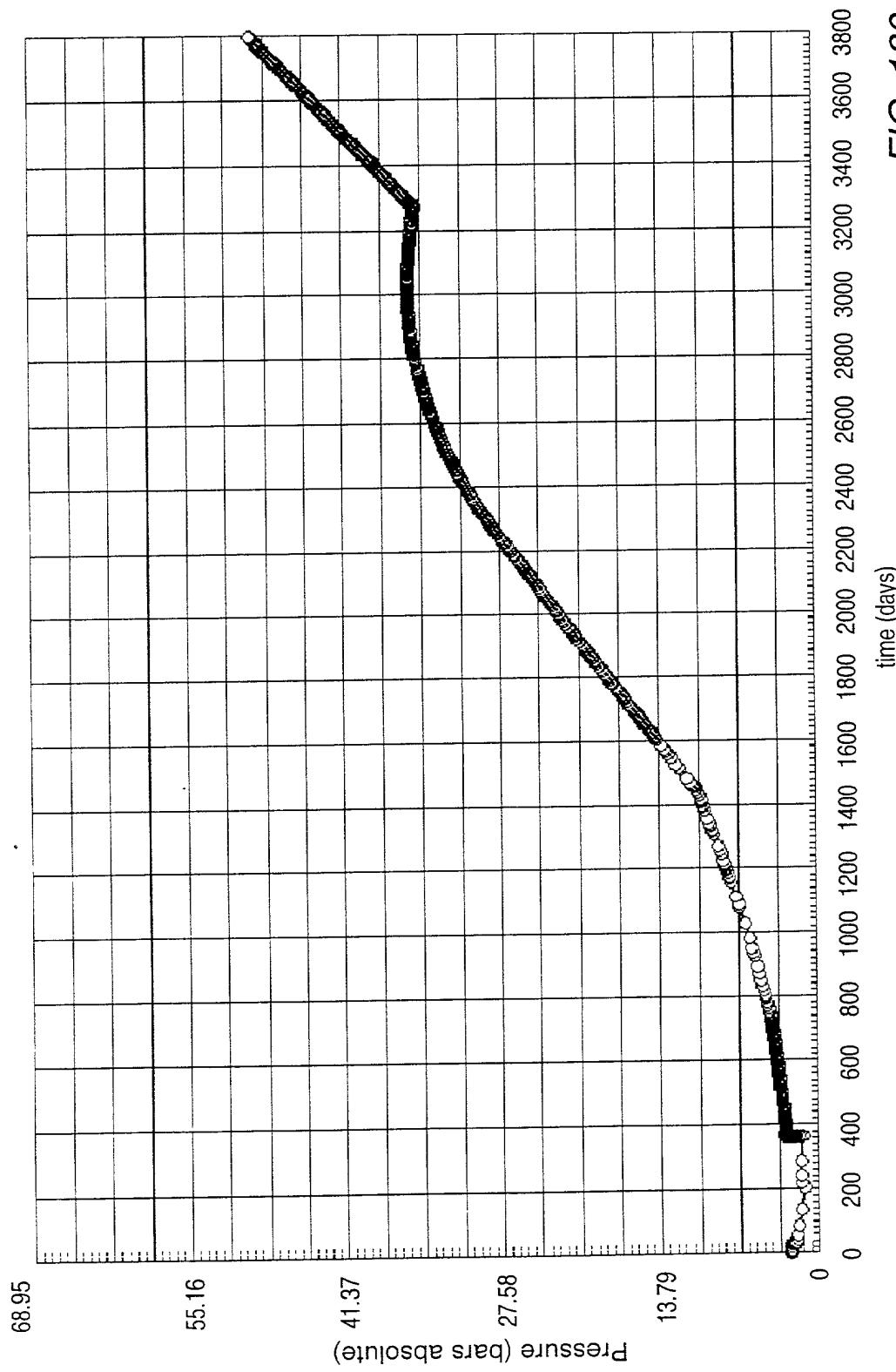


FIG. 179

FIG. 180



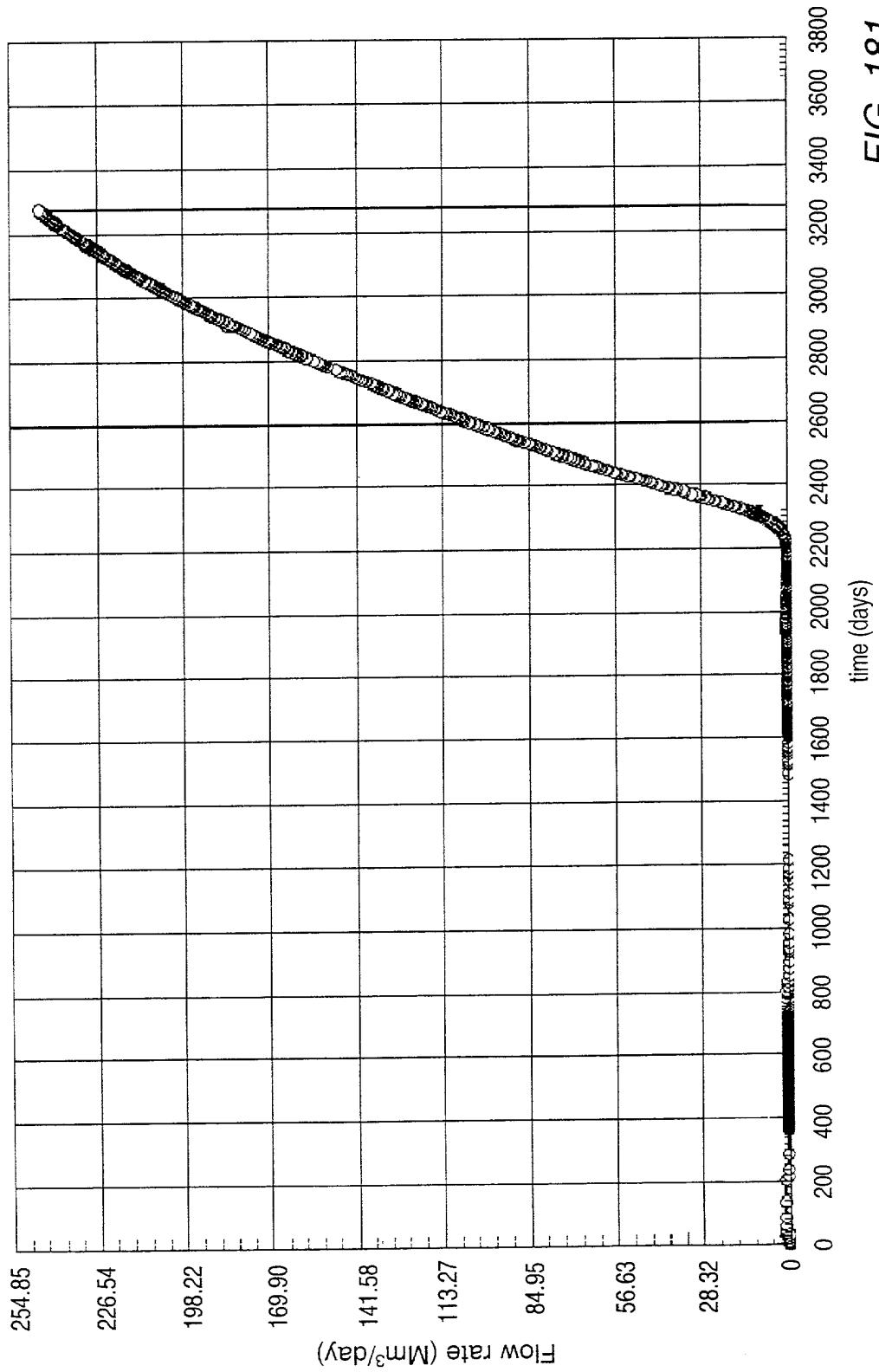


FIG. 181

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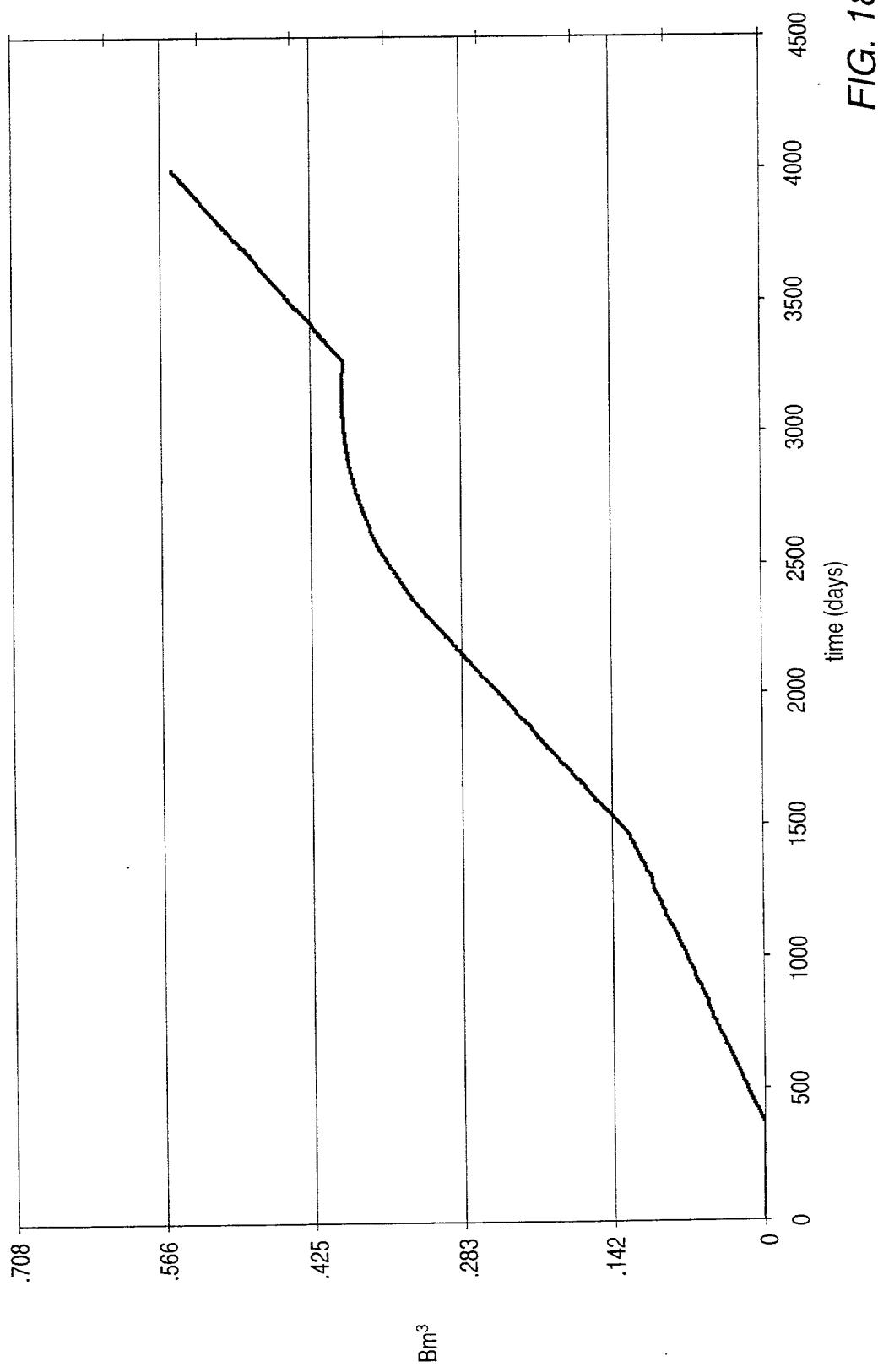


FIG. 182